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ABSTRACT

The 1981-1983 report of the North Dakota State Board of Higher Education is presented with information on individual universities and colleges. In addition to financial statements, school profiles include information on: institutional mission and goals, enrollment by class, enrollment by curricula, degrees, the curriculum, instructional development and academic skills, evaluation, and physical plant. The financial statements include data on current funds assets and liabilities with specific breakdowns for restricted and unrestricted funds, auxiliary funds, loan funds, endowment funds, plant funds, and agency funds. Revenue and expenditure data are also reported. Reports on the following institutions are provided: University of North Dakota (Medical Center and Rehabilitation Hospital), North Dakota State University (NDSU), Minot State College, Dickinson State College, Valley City State College, Mayville State College, North Dakota State School of Science, NDSU-Bottineau Branch (Forest Service), and North Dakota Geological Survey. (SW)

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NORTH DAKOTA
STATE BOARD OF HIGHER EDUCATION

December 1, 1983

The Honorable Allen I. Olson
Governor of North Dakota
State Capitol
Bismarck, ND 58505

Dear Governor Olson:

I submit herewith the Twenty-third Biennial Report of the State Board of Higher Education for the period July 1, 1981, to June 30, 1983.

The report consists of financial statements and other pertinent information submitted by the North Dakota State Board of Higher Education; the University of North Dakota; the North Dakota State University of Agriculture and Applied Science, its Experiment Stations and Cooperative Extension Service; the State School of Science; the North Dakota State University-Bottineau Branch; and the State Colleges at Dickinson, Mayville, Minot, and Valley City.

This volume likewise includes statements and statistics for the State Geological Survey.

Respectfully submitted,

John A. Richardson
Commissioner of Higher Education

JAR:nja

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STATE BOARD OF HIGHER EDUCATION
MEMBERS DURING BIENNIUM ENDED 6-30-83

Lester Stern	Term expires 6-30-82	Wahpeton
Milton Hertz	Term expires 6-30-83	Mott
R. E. Meidinger	Term expries 6-30-84	Jamestown
Jean Guy	Term expries 6-30-85	Bismarck
Carol Jacobson	Term expires 6-30-86	Alamo
Victor Kaljot	Term expires 6-30-87*	Minot
Tyrone Langager	Term expires 6-30-87	Minot
Kenneth Tweten	Term expires 6-30-88	Grand Forks
Jack Pfister	Term expires 6-30-89	Wahpeton

*Dr. Kaljot died July 31, 1981

STATE BOARD OF HIGHER EDUCATION OFFICE
STATEMENT OF APPROPRIATION EXPENDITURES
1981-83

Salaries and Wages	$781,671
Operating Expenses	246,182
Data Processing	42,482
Equipment	6,665
Student Grants	970,647
Tuition Assistance	390,715
Consultation Board	8,600
National Direct Student Loans	110,742
Contract Programs	2,139,207
Contingent	138,125
Dickinson Working Ranch	1,213,560

NORTH DAKOTA STATE INSTITUTIONS OF HIGHER EDUCATION
ANNUAL PEAK ENROLLMENTS

YEAR	UND	NDSU	DICKINSON	ELLENDALE	MAYVILLE	MINOT	VALLEY CITY	WAHPETON	BOTTINEAU	TOTAL
1920-21	971	578	62	70	194	211	367	180	Not Available	2633
1930-31	1536	1397	302	191	315	707	676	423	91	5638
1940-41	1599	1769	370	244	377	800	590	674	143	6566
1950-51	2298	1947	258	149	248	764	396	659	84	6803
1960-61	4084	3419	647	173	588	1326	804	1086	189	12316
1970-71	8129	6785	1655	153	884	2714	1369	2884	308	24881
1971-72	8395	6696	1430	---	708	2740	1200	3047	529	24745
1972-73	8282	6660	1280	---	621	2561	1114	3073	538	24129
1973-74	8274	6657	1148	---	547	2417	972	3114	547	23676
1974-75	8171	6868	974	---	625	2203	846	3118	541	23346
1975-76	8632	6957	1002	---	675	2206	861	3068	555	23956
1976-77	8863	7159	1026	---	732	2241	870	3167	609	24667
1977-78	9330	7575	1044	---	730	2443	1016	3266	640	26045
1978-79	9505	7707	1093	---	811	2390	1137	3287	578	26508
1979-80	9708	7679	1062	---	746	2277	1145	3119	406	26142
1980-81	10217	8158	1143	---	652	2529	1217	3337	362	27615
1981-82	10750	8664	1093	---	675	2514	1208	3372	417	28693
1982-83	11103	8923	1202	---	694	2711	1081	3398	442	29554

THE UNIVERSITY OF NORTH DAKOTA

1981-1983 Biennial Report

The University of North Dakota observed its 100th anniversary during the 1981-1983 biennium. The University reached this important milestone at what most observers believed to be a level of accomplishment and excellence which is the highest in the school's first century. The biennium also showed the potential fragility of UND's academic enterprise in a period of economic downturn. Some worried that the achievements of the recent past might be at risk in the current austere fiscal environment. Thus the biennium ended on a less optimistic note than it began. Still, the accomplishments of the 1981-1983 biennium -- and the continued strong support for higher education among the citizens of North Dakota -- bode well for the future.

A. FUNCTION

The University of North Dakota was founded on February 27, 1883, when Dakota Territorial Governor Nehemiah Ordway signed the enabling legislation. It was the first official use of the expression "North Dakota" (statehood was six years in the future). The University's current statutory authorization is found in the North Dakota Constitution, Article XIX, Article 54, Article 152, and Amendment 60, as well as in Chapter 15-11 and Chapter 172 of the Century Code. The January 1980 document, "Toward the Second Century: A Report of the President's Planning Council," most recently articulated the University's broad goals:

(1) To provide challenging and diverse programs of undergraduate education. Each of the undergraduate colleges has the responsibility to establish objectives and goals which are necessary to strengthen and continually improve the college's undergraduate mission within the context of the general University undergraduate mission. This implies a responsibility for each college to place as much emphasis on its obligations to the general undergraduate student population as on its narrower responsibilities to those students selecting fields within the college in which they major.

(2) To offer an integrated program of graduate education at the master's and doctor's level in order to prepare students for advanced professional practice, for teaching and for careers in research and creative activity.

(4) To maintain an active program of basic and applied research, scholarship and creative endeavor for the benefit of the students who participate and learn thereby, and for the contribution of new knowledge to the state and the nation.

(5) To cooperate with other institutions to provide educational opportunities throughout the state for those who cannot come to the campus. The University directs special attention to offering specialized graduate instruction through outreach programs.

To meet these goals, the University offers more than 200 specialized fields of study, including majors, minors, concentrations, and program options. The academic structure consists of 11 colleges and schools and a Center for Aerospace Sciences (encompassing 65 academic departments), as well as a Division of Continuing Education. The colleges and schools include: University College (freshman division), College of Arts and Sciences, College of Business and Public Administration, Center for Teaching and Learning, School of Engineering and Mines, College of Fine Arts, College for Human Resources Development, College of Nursing, Graduate School, School of Law, and the School of Medicine.

B. EVALUATION

The 1981-1983 biennium was a period in which enrollment at UND exceeded 11,000 for the first time, setting fall semester records for the eighth straight year. This and other accomplishments, results, changes, activities, trends, problems and future directions are summarized below.

Enrollment and Degrees. Fall semester enrollment at UND continued the uninterrupted climb which began in 1975 when 8,632 students registered to set the first of what would be eight consecutive records. By the fall of 1982, that figure had reached 11,103, up 28.6 percent from 1975 and up 8.7 percent from the same time during the 1979-1981 biennium. The fall 1982 enrollment comprised 43.2 percent of all students attending North Dakota four-year colleges and universities.

Enrollment growth during the biennium again exceeded projections, which put pressure upon the faculty to staff the number of additional sections of required courses in such fields as English and mathematics, and to meet the demand in rapidly growing fields of study such as engineering, computer science, and business. The fiscal restraints imposed upon the University during the biennium because of the state tax revenue shortfall limited the institution's flexibility in responding to this problem. However, the State Emergency Commission did authorize the expenditure by UND of $400,000 in higher than projected tuition collections to add 11 positions during the second year of the biennium. It was hoped the 1983 Legislature would relieve staffing pressures by funding additional faculty positions justified by the long-standing higher education budget formula. But, because of the economic situation, the Legislature did not act. Thus, as the biennium ended, the issue of faculty staffing had evolved into the most critical management problem faced by the University.

What kind of students are enrolling at UND? Some have suggested that part of UND's enrollment pressure may be caused by the economic recession and the weak employment picture. If true, this factor has not resulted in a deterioration of the academic credentials of UND's students. Freshmen entering in the fall of 1982 averaged nearly two points higher on the American College Test (ACT) composite score than did their national counterparts. Nineteen percent of UND's new students in 1982 scored in the top 26-36 category in the composite ACT score. The University also attracted many students who scored well on the ACT specialized scores. Thirty-five percent of the new students, for example, were in the top 26-36 score group in natural science. In the fall of 1982, 53 percent of the new students came from the upper 20 percent of their high school graduating classes (in contrast, none came from the bottom 20 percent). The overall high school grade point average for entering freshmen was 3.2. In

1982, UND ranked 73rd nationally in the number of first year Merit Scholars with a total of 16 (no other institution in the Dakotas or Montana was in the top 100). The quality of students entering the Graduate School, Law School and Medical School has also remained high.

During the 1981-1983 biennium, the University awarded 3,869 degrees, including 3,072 undergraduate degrees, 539 graduate degrees, and 258 graduate professional degrees in law and medicine. In its 100-year history, the University of North Dakota has matriculated more than 132,000 students (including those admitted through the end of the fall 1982 registration), and has awarded 53,866 degrees.

What becomes of UND graduates, and how do they feel about the education they received? During the biennium, the University conducted a survey of its classes of 1978 and 1980 as part of a self-study required for reaccreditation by the North Central Association of Colleges and Schools. A standardized questionnaire and scientific sampling methods were used. Among other findings, the overwhelming majority stated that their UND education had improved the quality of their lives (78.8 percent said "definitely yes," and another 18.3 percent, "probably yes."). Just 2.4 percent described themselves as "unemployed." More than 88 percent of the respondents said UND prepared them very well or adequately for their present occupations. When asked whether they felt "underemployed" in their current jobs, 73.1 percent of the respondents said "no," while 26.9 percent said "yes." Two-thirds of the respondents said their UND major was "highly related" to their current occupations, and an additional 17 percent said the major was "moderately related." With respect to their present jobs, 79.7 percent said they were "very satisfied" or "satisfied" with the challenge, 61.2 percent with salary and benefits, 48.2 percent with advancement potential, 71.6 percent with working conditions, and 60.6 percent with career potential. Asked if they would attend UND again if they were starting over, 79.3 percent said they "definitely" or "probably" would do so. In all of the above responses, UND students were more positive than the national norms for this study.

Curriculum. The University sought approval from the State Board of Higher Education during 1981-1983 of only those new programs which could be sustained without an infusion of new resources. These included an M.S. in Child Study and Education, a Master of Music degree, a B.S. in Airway Science, and minors in public administration, meteorological studies, and Russian and Soviet studies. In addition, University curriculum committees and the Board took action on the normal volume of new courses, deleted courses, and routine changes involving such matters as course titles and descriptions.

The new airway science degree merits special mention since it is one of only a few such programs in the nation that the Federal Aviation Administration has recognized. That recognition gives students graduating from the program a priority in the FAA's hiring process. Airway science provides students with a strong conceptual foundation in mathematics, hard science, computer science and management, in addition to a background in an area of concentration that prepares them for entry-level jobs in specific career fields in the aviation industry. The areas of concentration include airway management, airway computer science, and airway systems management. The new program dovetails nicely with UND's recent creation of a Center for Aerospace Sciences (see below).

During 1981-1983 the School of Medicine followed up its success in achieving full accreditation for the still relatively new four-year M.D. granting program by beginning the "repatriation" to the state of the third-year program. For the past decade, the School had operated on the "2-1-1" plan whereby students completed their first two years on the Grand Forks campus, their third year at either the University of Minnesota or the Mayo Clinic, and their fourth year on regional Medical School campuses in Grand Forks, Fargo, Bismarck and Minot. In 1981, the Legislature authorized the School to offer the third year in Fargo and Bismarck, with its own full-time as well as community faculty utilizing health care facilities in those areas. The first group of 10 third-year students completed their studies in Fargo in 1982-1983. This marked the first time since the School was established in 1905 that it was possible for a student to plan to complete all of his or her medical education -- including residency training -- entirely within North Dakota. In 1983-1984 the third year contingent at Fargo will grow to 30, and 10 third-year students will begin in Bismarck. In 1984-1985 the Bismarck group will increase to 20.

With respect to program review, the University began the biennium by completing a systematic review of all undergraduate programs under the direction of a Program Evaluation Committee. Also during 1981-1983, the University completed an intensive self-study required as part of the 10-year accreditation review of the North Central Association of Colleges and Schools. An NCA evaluating team was scheduled to visit the campus in the fall of 1983. Also, the Graduate School began in 1982-1983 a new cycle of formal program reviews. During the previous decade, every graduate degree program had been reviewed twice, with the process leading to the elimination of some programs and the strengthening of most others.

A major University goal of the University's 10-year plan was nearly achieved during the biennium. The College of Business and Public Administration met the standards for accreditation set by the Council of American Business Colleges. However, the Council -- citing its uncertainty over UND's legislative funding, which was not yet clear in early spring of 1983 when the evaluating team visited the campus -- chose to review UND again in 12 months before certifying the accreditation. If the accreditation is achieved in 1984 as expected, North Dakota no longer will be the only state in the nation without a fully accredited college of business.

Outreach Programs. The University has continued its commitment to bring education to non-traditional students who find it difficult to enroll as full-time resident students on campus. Among the major efforts of the Division of Continuing Education during the biennium was the creation of an Evening Classes office on campus, the establishment of the Sakakawea Lifelong Learning Center at Hazen (a Carrington Lifelong Learning Center was established in 1979), and the establishment of a UND Graduate Center in Bismarck. Three UND graduate programs -- the Master of Business Administration, the Master of Public Administration, and the Master of Educational Administration -- are being offered in Bismarck. The Center also handles extension classes, assists in the coordination of conferences and institutes, and provides counseling and advisement to students.

Research and Sponsored Program Activity

Measured in dollars expended, research at the University of North Dakota grew from $6,449,065 in 1980-1981 to $6,962,794 in 1981-1982 to $8,291,037 in 1982-1983. Leading the way were important projects in coal research, land reclamation, medicine, archaeology, atmospheric science and aviation. The largest amount of funding for research at UND comes from grants and contracts coordinated through the Office of Research and Program Development. In 1981-1982, UND faculty members submitted 206 proposals to federal agencies and other sources of external support for sponsored program activity, including research, of which 153 were funded for a total of $9.96 million. In 1982-1983, 284 proposals were submitted, and 179 funded for a total of $16.01 million.

The 61 percent growth in sponsored program support at UND between the two years of the biennium reflects in part the transfer to UND of the federal government's Grand Forks Energy Technology Center. Now known as the UND Energy Research Center, the facility was established in 1951 and since 1978 had been assigned the federal government's lead role in studying the application of new technologies to the so-called "low-rank coals," including lignite. Research at the center has focused on techniques to burn these coals more efficiently or to convert them into substitutes for petroleum or natural gas. The Grand Forks Center was originally proposed for closure by the Reagan administration. Thanks in part to the interest of the University and to the influence of U.S. Sen. Mark Andrews, the U.S. Department of Energy proposed the transfer in March of 1982. The transfer was authorized by Congress in a bill signed into law on December 30, 1982. Ownership of the Center, which includes a 12-acre site and more than 100,000 square feet of research and office space, was transferred to UND effective April 11, 1983. The federal government also agreed to provide UND with a total of $20.5 million over the next three years to continue federal research at the Center. As part of the University, the Center will be able to seek funding from a variety of outside funding sources, including the private sector. The Center currently employs a staff of 139 persons.

Instructional Development and Academic Skills. The Bush Foundation of St. Paul, Minn., in the spring of 1983 agreed to continue its support of the University's Instructional Development Program for another three years, with $125,000 a year for the next three years. The Foundation provided a similar grant three years ago to begin an enhanced program of funding and assistance to faculty members in instructional development. This Bush grant and an increasing amount of University dollars ($54,000 in 1983-84) will fund instructional development grants, faculty development contracts, and developmental leave supplements. The Office of Instructional Development, the administrative arm of the program, will continue to provide assistance to individual faculty as they review, strengthen and develop their courses and curriculum.

One activity supported by the Office of Instructional Development with a grant from the Fund for the Improvement of Postsecondary Education (U.S. Office of Education) has been an Academic Skills Project involving the cooperation of UND professors and the secondary school teachers of seven high school districts. The aim of the three-year project is to develop new techniques of better integrating into the secondary school and University curriculum higher level academic skills in mathematics, writing, analytical reading, and study skills that will provide a firm foundation of the student's later work in college. The University has found that some top high school students who bring high grade point averages and generally strong skills to the campus as freshmen sometimes discover a weakness in one or two critical academic abilities. Sometimes the weakness is merely the result of attending a high school with limited offerings in a subject such as advanced mathematics. The emphasis of UND's own programs in academic skills has thus focused on assisting this kind of student in competing with his or her better prepared classmates, not in keeping unqualified students at the University. All students must meet identical standards to receive a UND degree.

The Computerization of Learning. It was in the 1981-1983 biennium that a giant leap forward occurred in a trend which had been long noted, but little realized: the widespread integration of the computer into the curriculum. The University has long offered a computer science major (the number of students seeking degrees in this field expanded from 150 in the fall of 1979 to 400 in the fall of 1982 -- a growth of 167 percent). But advances in computer technology and in the computer literacy of entering students has been phenomenal in the more recent past. It is now virtually impossible for a student to earn any degree at UND without utilizing the computer. In addition to computer terminals in classroom buildings, the University now provides more than 170 terminals for students at locations in the Memorial Union, Computer Center, the library, and residence halls. The Board of Higher Education's creation of the higher education computer network in the late 1970s has proven to be a farsighted decision which has placed UND and the other institutions in a good position. Still, serious problems exist, particularly with respect to the heavy drain on equipment budgets which have not kept pace with the demand. The technology itself continues to change, making, for example, clusters of minicomputers on each campus a very efficient approach to meeting certain needs. The University's mission, with its commitment to research, graduate education, and high tech disciplines such as engineering, also creates more cost pressure for hardware, software and maintenance than is the case at four- and two-year colleges.

During the biennium, advantages also began to be realized at UND from the Board of Higher Education's uniform student records system. The on-line early registration of students began during the second semester of 1981-1982. In addition to providing the basis for more efficient management of enrollment, computerized registration has made possible improvements in UND's academic advising system.

Administrative Changes. Two senior level administrative changes occurred during the biennium. William Bryan, vice president for student affairs, resigned in January 1983. He was replaced by Lillian Elsinga, associate dean of students, as interim vice president while a nationwide search was conducted for a permanent successor. Gerald Skogley, vice president for finance, announced his resignation in the spring of 1983 as vice president for finance and business. Since the death of Loren Swanson in 1979, Skogley had supervised the operations units of the University in addition to the business-related departments. With his resignation, the University returned to its previous organizational system, promoting Lyle Beiswenger, formerly comptroller, to vice president for finance, and Al Hoffarth, formerly associate vice president for business, to vice president for operations.

Other administrative appointments during the biennium included W. Jeremy Davis as dean of the School of Law, Alex Kotch as director of research and program development, Peggy Lucke as director of accounting, Susan Hoffman as director of grants and contracts, Tim Rerick as internal auditor. Tom Johnson, dean of the School of Medicine and executive director of the UND Medical Center, assumed senior management control of the Medical Center Rehabilitation Hospital (the hospital, which received re-accreditation during the biennium, saw an extensive administrative reorganization).

A major organizational change took place on July 1, 1982, with the creation of the Center for Aerospace Sciences. The Center has responsibility for the Department of Aviation, Computer Science, and for the Meteorological Studies Program. It also includes a self-supporting flight operations service providing flight training to majors of the Department of Aviation, and a large research program in atmospheric science and weather modification. Currently, the various degrees in the three academic units continue to be awarded through the College of Arts and Sciences and the College of Business and Public Administration. Combined enrollment in the three programs is more than 1,200. The first phase of the Center's new building on the west side of the campus will open late in 1983 (see below).

Finance. The University's annual operation budget exceeded $100 million for the first time in the second year of the biennium. State appropriations provided 39 percent of UND's biennial revenue. Detailed financial statements are included elsewhere in this report.

The 1981 Legislature was positive in its decisions affecting the University of North Dakota. The University's 1981-1983 budget, for example, was increased more than 40 percent from the 1979-1981 biennium. Substantial salary increases were approved, including an adjustment retroactive to January 1, 1981. A $6 million addition to the Hyslop Sports Center was approved. And authorization was granted to offer the third year of the School of Medicine's M.D. curriculum in North Dakota.

Euphoria was relatively short lived, however. When it became evident in the 1981-1982 fiscal year that tax revenue would not meet projections, the University and other institutions of higher education were required to reduce their biennial budgets the equivalent of five percent. Later, employee salary increases for the 1982-1983 fiscal year were cut in half. These reductions were not restored by the 1983 Legislature, which instead chose not to provide additional faculty positions justified by enrollment, as well as curtailing general fund support of UND in favor of substantial tuition increases. These actions, justified by the weak state of the economy, coincided with continued enrollment growth at UND, straining instructional resources.

Physical Plant. Major changes in the physical plant included completion of an addition to the Chester Fritz Library, a foyer to the Winter Sports Building and an addition to the UND Memorial Union; a continued enhancement of the campus utility distribution system; renovation or remodeling of Old Biology (renamed Gillette Hall in 1983), Medical Science, the UND Rehabilitation Hospital, and the J. Lloyd Stone Alumni Center (formerly known as Oxford House); the acquisition at a cost of $2.7 million of 83 units of existing apartment housing adjacent to the campus and now known as West Green XIV; and the transfer of ownership to UND of the former U.S. Department of Energy Technology Center. Under construction at the end of the biennium was a new Center for Aerospace Sciences and an addition to the Hyslop Sports Center (formerly the UND Fieldhouse). A long-time UND landmark, Budge Hall, opened in 1899, was razed, as was the wood-frame occupational therapy/industrial technology building and the remaining World War II-vintage tin huts.

Special mention should be made of the Center for Aerospace Sciences. With the strike of air traffic controllers in 1981, the Federal Aviation Administration began looking at universities with aviation programs to help fill the gap. One result was a $4 million federal appropriation to UND to construct a building to further enhance the University of North Dakota's programs in the fields which have come to be known as airway science (see previous section on curriculum, above). The three-story building will contain more than 55,000 square feet of space, including classrooms, lecture halls, offices and teaching and research laboratories. As the biennium ended, negotiations were under way for a federally funded addition to the building to expand the Center's computer science resources.

The Centennial Celebration. The University of North Dakota Centennial celebration began in February 1983 with a full week of activity on campus which featured a four-day academic symposium. Internationally known thinkers such as Mortimer J. Adler, Max Lerner, and Elie Wiesel joined students and faculty to consider the great issues of past, present, and future. The year-long Centennial observance is financed from non-state funds, and consists of five main parts. One involves telling as many people as possible about the Centennial through the mass media, use of an official Centennial logo, production of the 24-minute film, "University of North Dakota: The New Century," and other communication methods. Another effort brings visitors to the campus for special events during the year to celebrate with faculty and students as they explore the significance of the University's past and its hopes for the future. A third method takes the Centennial "on the road" to dozens of birthday parties around the state and nation. A fourth involves special creative projects, such as the commissioning of original music and art, and the writing of a new history, "A Century on the Northern Plains: The University of North Dakota at 100." And the fifth thrust is a $25 million UND Centennial Campaign, led by the UND Alumni Association and Foundation.

C. PROGRAM INVENTORY AND COST ANALYSIS SUMMARY

This information is provided in Exhibit II, which consists of a Comparative Balance Sheet; Comparative Statement of Current Funds Revenue, Expenditures and Other Changes; Statement of Changes in Fund Balances; and Statement of Appropriations.

EXHIBIT I

ENROLLMENT REPORT BY CLASSES
(Headcount)

	Fall Enrollment 1981-1982	Fall Enrollment 1982-1983
Freshmen	2,323	2,341
Sophomores	2,387	2,548
Juniors	1,675	1,759
Seniors	2,285	2,454
Undergraduate Special	275	154
Graduate School	1,287	1,337
Law	298	304
Medicine	220	206
TOTALS	**10,750**	**11,103**
(Extension)	**1,454**	**1,486**

ENROLLMENT REPORT BY CURRICULA
(Headcount)

	Fall Enrollment 1981-1982	Fall Enrollment 1982-1983
Arts and Sciences	1,816	1,826
Business and Public Administration	1,484	1,516
Teaching and Learning	488	510
Engineering and Mines	635	719
Fine Arts	79	69
Graduate School	1,287	1,337
Human Resources	559	601
Law	298	304
Medicine	452	436
Nursing	409	398
University College	3,243	3,387
TOTALS	**10,750**	**11,103**
(Extension)	**1,454**	**1,486**

EXHIBIT II

UNIVERSITY OF NORTH DAKOTA
GRAND FORKS, NORTH DAKOTA
BALANCE SHEET
June 30, 1983
With Comparative Figures at June 30, 1982

ASSETS:		Current Year		Prior Year
Current Funds:				
Unrestricted:				
Cash		$ 350,129		$ 10
Temporary Investments		639,764		
Investments		70,741		62,119
Accounts Receivable	$4,161,045		$4,194,530	
Less: Allowance for Doubtful Accounts	116,436	4,044,609	176,435	4,018,095
Appropriation Receivable		630,157		272,838
Accrued Interest Receivable		253,575		250,205
Inventories		169,690		165,096
TOTAL UNRESTRICTED		$ 6,158,665		$ 4,768,363
Auxiliaries:				
Cash		$ 251,911		$ 703,361
Temporary Investments		1,033,516		389,156
Investments		2,412		2,412
Accounts Receivable	$ 275,418		$ 171,559	
Less: Allowance for Doubtful Accounts	2,398	273,020	2,398	169,161
Accrued Interest Receivable		30		28
Inventories		1,605,644		1,418,877
Prepaid Expenses		1,380		51,528
TOTAL AUXILIARIES		$ 3,167,913		$ 2,734,523
Restricted:				
Cash		$ (1,975,932)		$ (1,879,750
Investments		898,461		785,945
Accrued Interest Receivable		11,504		11,024
Accounts Receivable		3,432,171		3,539,819
TOTAL RESTRICTED		$ 2,366,204		$ 2,457,038
TOTAL CURRENT FUNDS		$ 11,692,782		$ 9,959,924
Loan Funds:				
Cash		$ 668,225		$ 605,273
Temporary Investments		350,881		294,911
Investments		120,000		127,680
Deposit with USA Fund		17,500		17,500
Notes Receivable		12,306,732		12,113,696
Accrued Interest Receivable		187		300
TOTAL LOAN FUNDS		$ 13,463,525		$ 13,159,360

EXHIBIT II, Continued

University of North Dakota, Balance Sheet, Assets (continued)

ASSETS	Current Year	Prior Year
Endowment and Similar Funds:		
Cash	$ 770	$ 882
Temporary Investments	4,617	-0-
Investments	2,315,448	2,206,319
TOTAL ENDOWMENT FUNDS	$ 2,320,835	$ 2,207,201
Plant Funds:		
Unexpended:		
Cash	$ 115,640	$ 298,866
Temporary Investments	650,317	458,050
Investments (Cost)	1,879,116	2,937,830
Accrued Interest Receivable	187	8,082
Accounts Receivable	-0-	53,054
Appropriation Receivable	415,086	650,855
TOTAL UNEXPENDED	$ 3,060,346	$ 4,406,737
Retirement of Indebtedness:		
Revenue and Sinking Funds:		
Cash	$ 147,336	$ 198,643
Temporary Investments	390,784	157,410
Investments (Cost)	9,881,791	8,965,549
Accrued Interest Receivable	237,329	280,433
TOTAL REVENUE AND SINKING FUNDS	$ 10,657,240	$ 9,602,035
Escrow Funds:		
Cash	$ 42,262	$ 43,939
Investments (Cost)	3,883,475	4,522,350
Accrued Interest Receivable	68,599	80,552
Amount to be Generated from Investments	977,664	1,080,159
TOTAL ESCROW FUNDS	$ 4,972,000	$ 5,727,000
TOTAL RETIREMENT OF INDEBTEDNESS	$ 15,629,240	$ 15,329,035
Investment in Plant:		
Land	$ 1,175,305	$ 1,175,305
Improvements Other than Buildings	8,778,198	7,659,868
Buildings	92,658,784	85,894,796
Equipment	25,564,281	21,227,447
Library Books	11,907,945	11,479,180
Plant under Construction	11,747,537	3,698,329
TOTAL INVESTMENT IN PLANT	$151,832,050	$131,134,925
TOTAL PLANT FUNDS	$170,521,636	$150,870,697
Agency Funds:		
Cash	$ 15,000	$ 87,966
Temporary Investments	227,875	132,774
Investments (Cost)	442,481	132,947
TOTAL AGENCY FUNDS	$ 685,356	$ 353,687

University of North Dakota, Balance Sheet, Liabilities and Equities (continued)

LIABILITIES AND EQUITIES	Current Year	Prior Year
Current Funds:		
Unrestricted:		
Accounts Payable	$ 923,431	$ 561,346
Salaries Payable	213,815	138,259
Deposits	76,976	47,032
Notes Payable	1,604,684	166,487
Deferred Revenue	-0-	700
Fund Balances	3,339,759	3,854,539
TOTAL UNRESTRICTED	$ 6,158,665	$ 4,768,363
Auxiliaries:		
Accounts Payable	$ 312,718	$ 264,004
Salaries Payable	76,214	22,537
Deposits	273,640	233,988
Notes Payable	105,400	43,151
Deferred Revenue	158,143	235,220
Fund Balances	2,241,798	1,935,623
TOTAL AUXILIARIES	$ 3,167,913	$ 2,734,523
Restricted:		
Accounts Payable	$ 166,646	$ 129,508
Salaries Payable	95,216	113,704
Notes Payable	5,122	
Deferred Revenue	605,785	594,582
Fund Balances	1,493,435	1,619,244
TOTAL RESTRICTED	$ 2,366,204	$ 2,457,038
TOTAL CURRENT FUNDS	$ 11,692,782	$ 9,959,924
Loan Funds:		
Fund Balances:		
Federal Funds	$ 10,581,154	$ 10,342,893
Institutional Funds	2,882,371	2,816,467
TOTAL LOAN FUNDS	$ 13,463,525	$ 13,159,360

EXHIBIT II, Continued

University of North Dakota, Balance Sheet, Liabilities and Equities (continued)

LIABILITIES AND EQUITIES	Current Year	Prior Year
Endowment and Similar Funds:		
Fund Balances:		
Endowment	$ 2,216,833	$ 2,109,626
Quasi-Endowment	97,689	91,923
Term-Endowment	6,313	5,652
TOTAL ENDOWMENT FUNDS	**$ 2,320,835**	**$ 2,207,201**
Plant Funds:		
Unexpended:		
Accounts Payable	$ 637,174	$ 652,685
Retainages Payable	540,795	282,754
Notes Payable	36,663	6,644,998
Fund Balance	1,845,714	(3,173,700)
TOTAL UNEXPENDED	$ 3,060,346	$ 4,406,737
Retirement of Indebtedness:		
Revenue and Sinking Funds:		
Accounts Payable	$ -0-	$ 10,263
Fund Balances	10,657,240	9,591,772
TOTAL REVENUE AND SINKING FUNDS	$ 10,657,240	$ 9,602,035
Escrow Funds:		
Net Investment in Plant Refinanced	$ 4,972,000	$ 5,727,000
TOTAL ESCROW	$ 4,972,000	$ 5,727,000
TOTAL RETIREMENT OF INDEBTEDNESS	$ 15,629,240	$ 15,329,035
Investment in Plant:		
Special Assessments Payable	$ 149,609	$ 146,586
Bonds Payable	31,156,000	25,458,000
Net Investment in Plant	120,526,441	105,530,339
TOTAL INVESTMENT IN PLANT	$151,832,050	$131,134,925
TOTAL PLANT FUNDS	$170,521,636	$150,870,697
Agency Funds:		
Accounts Payable	$ 101,363	$ 80,382
Deposits held in trust for others	583,993	273,305
TOTAL AGENCY FUNDS	$ 685,356	$ 353,687

EXHIBIT II, Continued

UNIVERSITY OF NORTH DAKOTA
GRAND FORKS, NORTH DAKOTA
STATEMENT OF CURRENT FUNDS REVENUE, EXPENDITURE, AND OTHER CHANGES
For the Year Ended June 30, 1983

	Unrestricted	Restricted	Total	Prior Year Total
Revenues:				
Tuition and Fees	$ 8,744,825	$	$ 8,744,825	$ 8,011,823
State Appropriations	40,262,224		40,262,224	36,218,276
Federal Grants & Contracts	1,786,751	13,438,096	15,224,847	13,203,678
Other Gifts, Grants & Contracts	471,830	4,670,180	5,142,010	4,731,379
Endowment Income		115,560	115,560	103,446
Institutional Sales & Services	7,617,082		7,617,082	7,447,641
Sales & Services of Auxiliaries	19,049,088		19,049,088	16,584,110
Sales & Services of Hospitals	8,234,895		8,234,895	7,838,492
TOTAL REVENUES	$86,166,695	$18,223,836	$104,390,531	$94,138,845
Expenditures & Mandatory Transfers:				
Education and General				
Instruction	$33,944,472	$ 2,928,108	$ 36,872,580	$35,897,767
Public Service	2,919	797,237	800,156	660,024
Research	1,024,436	7,266,601	8,291,037	6,962,794
Academic Support	6,572,920	254,348	6,827,268	6,330,605
Student Services	2,621,439	350,111	2,971,550	2,801,468
Institutional Support	6,443,293	215,015	6,658,308	5,233,989
Oper. & Mtce. of Physical Plant	7,107,606	71,131	7,178,737	6,872,910
Student Aid	693,730	5,938,973	6,632,703	3,678,820
TOTAL EDUCATION & GEN. EXP.	$58,410,815	$17,821,524	$ 76,232,339	$68,438,377
Mandatory Transfers for:				
Loan Fund Matching	$ -0-	$	$ -0-	$ 15,113
TOTAL EDUCATION & GENERAL EXPENDITURES & MANDATORY TRANS.	$58,410,815	$17,821,524	$ 76,232,339	$68,453,490
Auxiliary Enterprises:				
Expenditures	$17,402,315	$	$ 17,402,315	$15,610,739
Mandatory Transfer for Principal & Interest	1,867,524		1,867,524	1,558,269
TOTAL AUXILIARY EXPENDITURES & MANDATORY TRANSFERS	$19,269,839	$	$ 19,269,839	$17,169,008
Hospital:				
Expenditures:	$ 7,593,542	$ 402,312	$ 7,995,854	$ 7,695,517
Mandatory transfers for:				
Principal & Interest	146,855		146,855	185,778
Repairs & Replacement	262,000		262,000	219,665
TOTAL HOSPITAL EXPENDITURES & MANDATORY TRANSFERS	$ 8,002,397	$ 402,312	$ 8,404,709	$ 8,100,960
TOTAL EXPENDITURES & MANDATORY TRANSFERS	$85,683,051	$18,223,836	$103,906,887	$93,723,458
Other Transfers & Additions/(Deductions):				
Excess of Restricted Expenditures over Transfers to Revenue	$	$ (95,788)	$ (195,788)	$ 80,192
Refunded to Grantors	(2,102)	(14,775)	(16,877)	(82,405)
Prior Year's Corrections	(206,403)		(206,403)	(12,793)
Loss on Sale of Investments		(810)	(810)	(104,798)
Other Transfers	(483,744)	(14,436)	(498,180)	
NET INCREASE/(DECREASE) IN FUND BALANCE	$ (208,605)	$ (125,809)	$ (334,414)	$ 295,583

EXHIBIT II, Continued

UNIVERSITY OF NORTH DAKOTA
GRAND FORKS, NORTH DAKOTA
STATEMENT OF CHANGES IN FUND BALANCES
For the Year Ended June 30, 1983

	Current Funds			
	Unrestricted	Restricted	Loan Funds	Endowment Funds
Revenues and Other Additions:				
Unrestricted Current Fund Revenues	$86,166,695			
Federal Gifts, Grants & Contracts - Restricted		$14,981,837		
Other Gifts, Grants & Contracts - Restricted		5,050,214	$ 16,364	$ 5,160
State Appropriation - Restricted			18,190	
Federal Appropriations			163,706	
Investment Income			13,754	
Interest on Loans Receivable			210,848	
Expended for Plant Facilities				
Retirement of Indebtedness				
Bond Fund Fees				
Equipment Additions				
Library Book Acquisitions				
Land Acquisition				
Sale of Bonds				
Other Additions			94,847	103,374
TOTAL REVENUE & OTHER ADDITIONS	$86,166,695	$20,032,051	$ 517,709	$ 108,534
Expenditures and Other Deductions:				
Education and General Expenditures	$66,388,724	$18,223,836		
Auxiliary Enterprise Expenditures	17,017,947			
Indirect Costs Recovered		1,904,003		
Refunds to Grantors	2,102	14,775	12,756	
Loan Cancellations and Write-Offs			127,485	
Administrative Expense			23,523	
Expended for Plant Facilities				
Retirement of Indebtedness				
Interest on Indebtedness				
Trustee's Fees and Insurance				
Decrease in Future Escrow Requirements				
Prior Year's Correction	206,403			
Equipment Deletions				
Buildings Razed				
Loss on Sale of Investments		810		
Other Deductions			55,984	
TOTAL EXPENDITURES & OTHER DEDUCTIONS	$83,615,176	$20,143,424	$ 219,748	$ -0-
Transfers Among Funds: Additions/(Deductions)				
Mandatory:				
Principal and Interest	$ (2,014,379)	$ -0-		
Renewals and Replacements	(262,000)	-0-		
Loan Fund Matching	-0-	-0-		
Other Transfers:	(483,744)	(14,436)	6,205	5,100
TOTAL TRANSFERS	$ (2,760,123)	$ (14,436)	$ 6,205	$ 113,634
Net Increase/(Decrease) for the Year	$ (208,604)	$ (125,809)	$ 304,166	
Fund Balance at Beginning of Year	$ 5,790,161	$ 1,619,244	$13,159,359	$ 2,207,201
Fund Balance at End of Year	$ 5,581,557	$ 1,493,435	$13,463,525	$ 2,320,835

EXHIBIT II, Continued

UNIVERSITY OF NORTH DAKOTA
GRAND FORKS, NORTH DAKOTA
STATEMENT OF CHANGES IN FUND BALANCES
For the Year Ended June 30, 1983

	Plant Funds			
	Unexpended	Retirement of Debt	Net Investment in Plant	Escrow Funds
Revenues and Other Additions:				
Unrestricted Current Fund Revenues				
Federal Gifts, Grants & Contracts - Restricted				
Other Gifts, Grants & Contracts - Restricted	$ 927,669		$ 4,990,923	
State Appropriation - Restricted	5,431,141			
Federal Appropriations	2,714,789	$ 104,835		
Investment Income	228,636	985,329		$ 337,914
Interest on Loans Receivable				
Expended for Plant Facilities			4,273,933	
Retirement of Indebtedness			1,302,000	
Bond Fund Fees		662,059		
Equipment Additions			4,904,399	
Library Book Acquisitions			428,765	
Land Acquisition				
Sale of Bonds	7,000,000			
Other Additions			26,954	140,004
TOTAL REVENUE & OTHER ADDITIONS	$16,302,235	$ 1,752,223	$15,926,974	$ 477,918
Expenditures and Other Deductions:				
Education and General Expenditures				
Auxiliary Enterprise Expenditures				
Indirect Costs Recovered				
Refunds to Grantors				
Loan Cancellations and Write-Offs				
Administrative Expense				
Expended for Plant Facilities	$12,563,595			
Retirement of Indebtedness		$ 547,000		$ 755,000
Interest on Indebtedness		1,673,044		291,128
Trustee's Fees and Insurance		18,973		572
Decrease in Future Escrow Requirements				102,496
Prior Year's Correction				
Equipment Deletions			$ 567,565	
Buildings Razed			363,307	
Loss on Sale of Investments				
Other Deductions				
TOTAL EXPENDITURES & OTHER DEDUCTIONS	$12,563,595	$ 2,239,017	$ 930,872	$ 1,149,196
Transfers Among Funds: Additions/ (Deductions):				
Mandatory:				
Principal and Interest		$ 2,014,379		
Renewals and Replacements	$ 262,000			
Loan Fund Matching				
Other Transfers:	1,018,774	(462,117)		$ (83,722)
TOTAL TRANSFERS	$ 1,280,774	$ 1,552,262	$ -0-	$ (83,722)
Net Increase/(Decrease) for the Year	$ 5,019,414	$ 1,065,468	$14,996,102	$ (755,000)
Fund Balance at Beginning of Year	$ (3,173,700)	$ 9,591,772	$105,530,339	$ 5,727,000
Fund Balance at End of Year	$ 1,845,714	$10,657,240	$120,526,441	$ 4,972,000

EXHIBIT II, Continued

UNIVERSITY OF NORTH DAKOTA
GRAND FORKS, NORTH DAKOTA
STATEMENT OF APPROPRIATIONS
June 30, 1983

	1981-83 Appropriations	Additions/ Transfers	Expenditures	Balance 6-30-83
University of North Dakota				
Salaries and Wages	$51,346,619	$ (635,787)	$50,710,832	$ -0-
Operating Expenses	14,493,128	(168,767)	14,324,361	-0-
Equipment	1,244,994	(103,233)	1,141,761	-0-
Plant Improvements	3,355,500	(146,530)	3,208,970	-0-
TOTALS	$70,440,241	($1,054,317)	$69,385,924	$ -0-
Medical Center				
Salaries and Wages	$17,691,366	$ (465,935)	$17,225,431	$ -0-
Operating Expenses	6,783,171		6,709,117	74,054
Equipment	589,976	(215,000)	360,578	14,398
Plant Improvements	300,000		237,309	62,691
TOTALS	$25,364,513	$ (680,935)	$24,532,435	$151,143

North Dakota State University
Biennial Report
July 1, 1981 - June 30, 1983

Function

North Dakota State University derives statutory responsibilities from three basic laws: Morrill Act of 1862, which established the nation's system of land grant universities, and the Hatch Act of 1887, which established the agricultural experiment stations, and, at the state level, the act which established the North Dakota Agricultural College, March 8, 1890. The intent was to provide accessible resources for learning and promote the fruits of scholarly inquiry that a university is equipped to provide. It was the intent of the above-named statutes to insure services and resources to as many of the state's citizens as were qualified to make profitable use of them. Although the course work and research have changed significantly over the years in order to meet the requirements of a fast-changing society, that overriding philosophy continues to be the primary factor in such changes.

NDSU is a comprehensive university with statewide and regional responsibilities. As such, it serves a broad range of needs of the people and organizations of the state of North Dakota and the region through instruction, research and public service. As a land grant institution, NDSU has a special mission to provide programs in agriculture, architecture, engineering, home economics and pharmacy. But as a university, it also provides programs in business, the arts and humanities, mathematics and the social and physical sciences which serve to round out the university experience. NDSU's original mandate called for emphasis on the development of skills in practical agriculture and the so-called mechanic arts, but without restriction to those specialties. From the outset, it has been a guiding institutional philosophy that instruction in technological subjects must be thoroughly grounded in a full range of the basic sciences, the arts, humanities, and social sciences. Thus, as the institution is presently constituted, North Dakota State University offers major blocks of instruction in six subject areas, each represented by an academic college. The academic units of the university are the College of Agriculture, the College of Engineering and Architecture, the College of Home Economics, the College of Humanities and Social Sciences, the College of Pharmacy, and the College of Science and Mathematics. A seventh academic college, the College of University Studies, was created ten years ago to facilitate a flexibility among students uncertain of a major field or career and among adults who might wish to apply various kinds of learning experience toward earning a degree. Graduate study, leading to advanced degrees, is also offered in all academic colleges except the College of University Studies. Courses in teacher education are coordinated under the Institute for Teacher Education. The provision of advanced degree programs is consistent with the belief that graduate work is essential to scholarly inquiry, beneficial in retaining high quality faculty and consistent with NDSU's stated goals and responsibilities. Major goals for North Dakota State University for the next decade were stipulated in a university-wide self study entitled "The 1980s and Beyond, A Framework for Long Range Planning at North Dakota State University." For 90 years, NDSU has grown and diversified. From an initial beginning of fewer than 100 students, now more than 9,500 students are enrolled in on-campus curricular programs, and at its branch campus in Bottineau. Thousands more are involved in a variety of off-campus programs, including agricultural extension and off-campus adult education. The recent period of rapid growth in enrollment has been accompanied by diversity and improved academic strength. More North Dakota young people are now receiving benefits of the university education than ever before. More faculty members are doing research on problems of concern to the state, nation and world. More scholarly works are available to help understand the world in which we live. The lives of many people have been enriched through the public service efforts of the institution.

Simply stated, NDSU is doing a constantly improving job of its functions. Its principal function in its modern-day context is to conduct scholarly inquiry into matters relevant to and of concern to the people who constitute NDSU's principal constituency, the citizens of the state of North Dakota. As a part of this process, it is necessary to relate the results of such inquiry to existing knowledge, interpret its meaning, relevance, and applications, and transmit results to the public and the student body. The basic thrust is to use knowledge generated to train present and future generations in the techniques for perpetuating the process of scholarly inquiry. In a word, the principal mission of North Dakota State University is quality teaching.

But growth both in size and quality presents problems as well as benefits. Growth has necessitated large increases in the funds required to build, maintain and operate the institution. During this period of growth, there has often been a lack of adequate laboratory and classroom space. Dormitory space has been and continues to be inadequate. In addition, greater specialization in fields of study has been another result of growth. The original small faculty, which had to perform a wide range of duties and teach a wide range of subject matter, has been largely replaced by faculty members who are considerably more specialized. While increased specialization provides some economies of scale, permitting groups of students with similar interests to study under professors who are exceptionally knowledgeable in their fields, the growing complexity of knowledge has required more highly trained people to serve problems that are everyday occurrences. Particularly in research, the faculty member must be a specialist to conduct the quality of research required today. Such specialization has required extended periods of study and often large sums of money to establish laboratories and conduct experiments.

In retrospect, the mission of NDSU historically and at present, has been contained in its original charter, tempered by relatively minor changes in emphasis and direction. Virtually all of these changes have been in response to the needs of the university's constituency, the citizens of the state of North Dakota. The following represent the principal goals of the institution:

1. Raise faculty excellence to the highest possible level. A university is primarily a center of intellectual interaction among people. Faculty members lead this activity, therefore, their ability and output are the strongest influences on the quality of the institution.

2. Continue to improve and adapt student services in response to changing student needs. Students are the primary constituency of the university and it is important that the highest quality intellectual environment be stimulated by meeting the needs of the increasingly diverse mixture of people that are included in the NDSU student body.

3. Develop a physical, social and intellectual atmosphere on campus for students and faculty that contributes to the tradition of its being an interesting, enjoyable place to be.

4. Bring the physical plant to superior condition and maintain it at that level. This goal is consistent with that stated in the paragraph above.

5. Continue to develop and modify academic programs to reflect responsiveness to the interests of the university's constituents within the constraints of budget and the institutional mission. It is not expected that many new degree programs will be developed during the next decade.

6. Maintain active research efforts in all departments of the university. Research efforts at NDSU are highly goal-oriented. The principal thrust of that goal is to perform basic and applied research services which directly address problems of the state of North Dakota.

7. Public service efforts should reflect increased service to people living in the state of North Dakota.

8. Improve participation in the decision-making process.

NDSU was officially the North Dakota Agricultural College until 1960. In recognition of an expanded institutional role and broadened responsibilities, the name was changed in 1960 through an initiated constitutional amendment, to North Dakota State University of Agriculture and Applied Science. In recent years, formal efforts on the part of the institution to articulate its mission and goals, both for its own purposes and in response to directives from the State Board of Higher Education, have provided an emphasis in the science- and technology-oriented professional studies program, as opposed to liberal arts orientation. However, within the university community and on the governing board represented by the Board of Higher Education, an awareness is maintained that a certain amount of duplication among state institutions is not only necessary but desirable. The importance of the arts and humanities in the development of the total university-level educational experience is acknowledged and supported at all levels of the university. Further, there is a conscious awareness that a constituency for programs in the arts and humanities exists in the state's most populous community. North Dakota State University emphasizes efforts to meet this need.

Missions of the Various Units

There is considerable variation among NDSU's academic colleges in delineating each unit's mission. The Colleges of Pharmacy, Engineering and Architecture, and Home Economics stress a heavy orientation to the demands and requirements of the respective professions represented by their disciplines. The College of Agriculture, the Agricultural Experiment Station and the Cooperative Extension Service continue their strong traditional orientation toward the total agricultural constituency. Research in agriculture stresses either studies of an applied nature or basic research designed to promote the agricultural functions of North Dakota. The College of Science and Mathematics stresses a mixture of theoretical and applied research. The Colleges of Humanities and Social Sciences and Science and Mathematics which have traditionally had heavy responsibility for providing service, have in recent years taken on identities of their own. In addition to this new thrust, these two colleges continue to provide the arts and sciences core for the total university.

Primary Goals

At his inauguration in 1969 as North Dakota State University's tenth president, Dr. L.D. Loftsgard outlined a set of four relatively specific goals under the plan called project SU'75. The plan was designed to achieve what he termed "a margin of excellence" for NDSU. Included within the plan were a fund drive designed to raise $4 million from private sources to supplement state and federal funds for capital improvements, re-examination of the curriculum in order to investigate possible revisions which might better adapt the institution for its stated mission, the fostering of an environment within which the faculty should realize their full potential in terms of teaching, research and services, and the creation of an atmosphere of openness and trust among students and faculty within which learning goals could be pursued more effectively. Subsistent progress has been made in all four areas. The fund drive resulted in a total raised amount exceeding $11 million over the decade following the announcement. These funds, supplementing the state appropriations, have resulted in greatly improved physical plant and programs at the university. NDSU is currently involved in a new fund drive entitled "Century II" which has as its goal the raising of $10 million from private sources. These funds will be expected to be used to widen the "margin of excellence" for North Dakota State University. Improvement in the level of faculty and in the level of instruction have also been achieved.

Evaluation

During the biennium covered in this report, NDSU underwent thorough examination of its programs, facilities, policy and personnel in numerous areas. The Bottineau Branch underwent a complete institutional review by the North Central Association of Colleges and Universities. The branch received a recommendation for full accreditation and an extended seven-year review cycle. The program of Nursing was reviewed and accredited in the fall of 1980 by the North Dakota Board of Nursing. The Graduate Program in Community and Regional Planning was reviewed and accredited by the American Planning Association in September of 1979. In addition, on an institutional basis, each academic program in the entire university was evaluated by an internal commission. This evaluation was undertaken to provide the capacity of the institution to respond during periods of shifting enrollment and potential declines in enrollment. A plan is currently being developed based upon this evaluation for responses to the possibly difficult times within the next decade period.

Enrollment data contained elsewhere in this report indicate that NDSU's enrollment during the biennium reached the highest level in the institution's history. Greatest enrollment growth in recent years has been in the fields of engineering and computer science. Agriculture continues to enjoy steady and strong enrollments. These enrollment patterns would seem to reflect well on the conduct of basic programs of the institution.

Although NDSU continues to admit all graduates who were accredited in North Dakota high school programs who apply, it has been necessary to limit enrollment in several specific areas, namely architecture, pharmacy, nursing, animal health and technology, and music. These programs are among the small though growing number which cannot accommodate all of those who apply. Although every effort is made in the institution to avoid enrollment caps, it may be necessary that rapidly growing programs in some areas in engineering and computer sciences consider that possibility in the future. While the principal guidelines in such decisions are shortages of both faculty and facility, the employment market is also a consideration in placing enrollment limits.

In the past biennium, only a few programs that could be described as "new" have been added at NDSU. A doctorate in engineering has been introduced in the College of Engineering and Architecture. The need for this new program has been demonstrated by a rapid initial growth in enrollment. Also, in response to pressing demands, a major in accounting was instituted under the Department of Business.

Trends

Based on enrollment patterns, a continuing need for graduates trained in technical, scientific and professional fields and the continuing dominance of agriculture in the state's economy, it is assumed that North Dakota State University's role in the state's educational system will continue essentially as it is, but perhaps with somewhat greater emphasis in the area of adult or continuing education.

The only glaring inadequacy in the NDSU physical plant at present is the absence of suitable physical facilities for the academic computing center. The failure of that facility to receive funding during the 1981-83 biennium was a crippling blow to NDSU's ability to carry out its vital work with computers.

Although the Northern Crops Institute is not formally a part of NDSU, its location on the campus promises to be a happy circumstance for the university and northern plains crop producers alike. The interaction among university faculty members and researchers, visiting trade teams, graduate students and crop producers already shows evidence of strengthening research and academic programs in agriculture, as well as facilitating world agricultural trade.

The Future

Problem areas on the horizon center on a possible decline in enrollment during the 1980s when the pool of North Dakota high school graduates will be considerably smaller than at the present period. However, it has been projected that the university would already be in that enrollment decline and the institution is, in fact, in a period of rapid enrollment growth. The university is in the process of putting in place broadly consultative contingency plans which will respond to declines in enrollment or major shifts in enrollment patterns in the next decade. However, only a limited part of the total response to this problem area is possible internally. If NDSU is to maintain the high quality of its instructional programs in its traditional areas of specialization, continued support at a "critical mass" level will be necessary. The university is hopeful that the enrollment will stabilize at approximately the present level rather than declining, but resource needs will continue in either event.

NDSU's short and long-range plans are to continue to strive for the highest possible quality in all its instructional, research and extension programs, and to vigorously disseminate information about these programs among citizens who could benefit from them.

North Dakota Agricultural Experiment Station
North Dakota State University
July 1, 1981 - June 30, 1983

It was not always this easy to identify agriculture and what it means to this state, region and nation. Prior to 1862, higher education was found in large, essentially private institutions directed toward study in basic sciences, fine arts, law and medicine. The common man, so to speak, did not have easy access to an education or other institutions needed to develop the technology for the production of food and fiber. This situation was recognized by the Congress of the United States in the mid 1800's. The timing seems strange since we were embroiled in the Civil War. However, the overwhelming needs of the people in this period of our development caused several significant pieces of legislation to be presented to Congress and, ultimately, President Abraham Lincoln's signature.

Laws establishing the USDA, the right to secure a homestead on new lands, and payment of land to successful transcontinental railroads, all occurred in 1862. In the same year, the "Morrill Act" provided grants of federal lands to each state which would use these lands and the income from them for the establishment and permanent endowment of public institutions of higher learning ". . .where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts. . ." This law was simple and straightforward in its language, leaving much of the choice and decision for detail up to the individual states. The Morrill Act is the basis for the establishment of your land grant institution in this state—North Dakota State University of Agriculture and Applied Science.

Twenty-five years later, in 1887, the second federal law was enacted and was known as the Hatch Act of 1887. It provided for state agricultural experiment stations to be founded ". . .in connection with the colleges established in the several states under the provisions of an act approved July 2, 1862, and the acts supplementary thereto." The Law also provided $15,000 per year of federal financial assistance for each state and initiated the federal-state funded research partnership which is the envy of the world today.

In the years to follow, several additional federal laws were enacted to provide further support for research at the agricultural experiment stations. As a consequence of the diversity of these laws and the burdensome detail involved with compliance, the Congress consolidated all into the Hatch Act of 1955 As Amended. This Law serves as the principal federal authorization for the current annual federal appropriations to the North Dakota Station. The Food and Agriculture Act of 1977, Public Law 95-113, currently administers the federal laws supporting agricultural research, education, and extension.

The Cooperative Extension Service came into being by a third federal law, the Smith-Lever Act of 1914 which provided for federal funds, in cooperation with state funds, to provide for the education of persons outside the formal classroom. These three federal laws then provide the basis today for the research, teaching and extension function found at all land grant insitutions. North Dakota State University is no exception and is proud of its strong commitment to agricultural research, teaching and extension with over 600 employees in research and teaching and 182 in the Cooperative Extension Service including the Counties and Branch Stations of the Agricultural Experiment Station.

Early in the history of North Dakota, the state legislature made provision for branch stations of at least 160 acres in size, donated by the community involved.

The first branch station was designated to be located near Edgeley. The land was donated and the 1893 Legislature provided a small appropriation for an irrigation well. The requirements for the guarantee of flow from the well precluded any possible bids and this branch station failed to materialize until 10 years later when it received official approval and funds to engage a superintendent. The Edgeley station was in operation until 1969 when it was closed and sold by the 1969 Legislature.

Other branch stations established under the donation of land policy were: Dickinson, 1905; Williston, 1907; Langdon, 1908; and Hettinger, 1909. The 1945 Legislature accepted the Ward County Commissioners three quarter sections of land, appropriated $40,000 and the North Central Experiment Station at Minot was established.

In 1950, the Agronomy Seed Farm near Casselton was acquired by the state of North Dakota as a donation from the citizens and organizations in the state and became a part of the Agricultural Experiment Station. This unit has the distinction of never having had any General Fund appropriation. It has utilized income from the production and sale of foundation and registered seed to develop the physical facilities and maintain the costs of operation.

The 1957 Legislature appropriated $67,200 for the purpose of acquiring a site for a proposed irrigation station to be located in the counties to be served by water from the Garrison Dam diversion. Unlike the other branch stations at the time of their origin, this location was not predetermined by a gift, donation, or legislative directive. The Agricultural Experiment Station was allowed to search for and purchase a section of land north of Carrington which now accommodates the Carrington Irrigation Station and more recently the Livestock Unit.

July 1, 1979 marked the completion and final payment of a tract of land north of Streeter, known today as the Central Grasslands Research Station. July 1, 1981 marked the start of this station with the employment of a superintendent and appropriation of funds for operation. This station is also on a site selected by the Agricultural Experiment Station to serve the producers in this unique part of the Missouri Coteau.

Unique problems in the reclamation of lands disturbed by coal or oil exploration, mining, or production caused the administration of the Agricultural Experiment Station in April of 1981 to seek sub-station status for a research effort with headquarters on the USDA Northern Great Plains Station near Mandan. This sub-station is entirely dependent upon special energy impact funds and gifts and is known as the Land Reclamation Research Center.

Enrollment Report by Classes (Fall headcount)

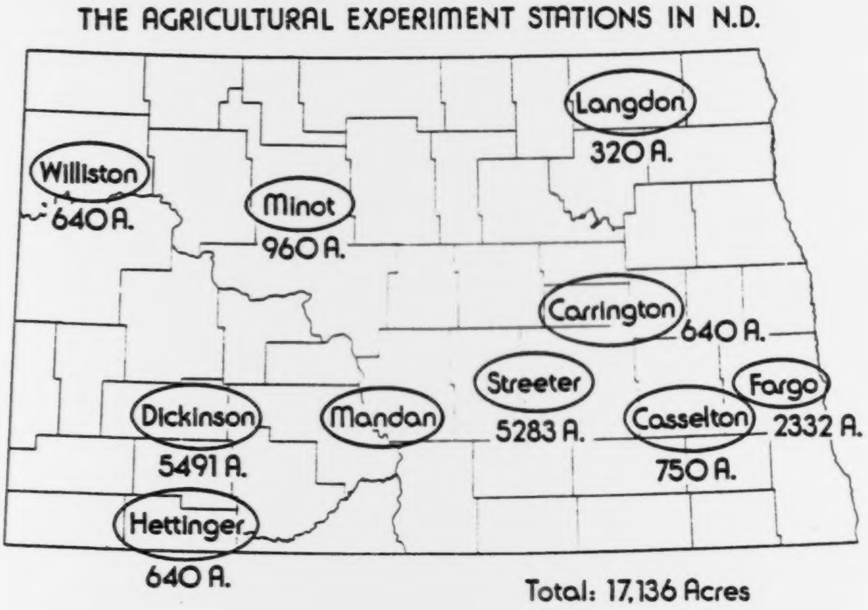
	1981-82	1982-83
Freshmen	2173	2241
Sophomores	1896	1890
Juniors	1526	1503
Seniors	1795	2060
Graduates	830	820
Special or Unclassified	522	409
TOTALS	8742	8923
Extension	914	565

Enrollment Report by Curricula (Fall headcount)

	1981-82	1982-83
Agriculture	1281	1222
Humanities & Social Sciences	1684	1698
Science & Mathematics	1237	1372
Engineering & Architecture	2102	2216
Home Economics	997	912
Pharmacy	665	689
University Studies	776	814
TOTALS	8742	8923
Extension	914	565

Collectively, the nine branch stations and the Main Station at Fargo comprise the physical holdings of the Agricultural Experiment Station which total approximately 17,136 acres. See Figure 1 for branch station locations, and delineation of Extension administrative and program districts.

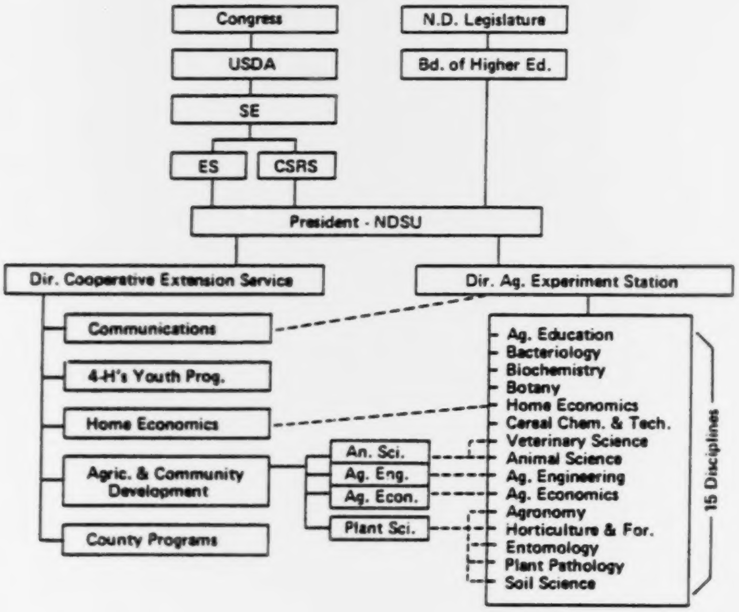
Figure 1


THE AGRICULTURAL EXPERIMENT STATIONS IN N.D.
Langdon
320 A.
Williston
640 A.
Minot
960 A.
Carrington
640 A.
Streeter
5283 A.
Fargo
2332 A.
Dickinson
5491 A.
Mandan
Casselton
750 A.
Hettinger
640 A.
Total: 17,136 Acres

The role of the North Dakota Agricultural Experiment Station is to develop and provide research information primarily intended to be useful in the enhancement of the agricultural sector of our economy. The mission of the Extension Service is to bring research results to the people of the state.

The Agricultural Experiment Station is an integral part of the College of Agriculture and the administration of the North Dakota State University and is administered by the constitutionally mandated State Board of Higher Education as is shown in Figure 2.

Figure 2


Congress
N.D. Legislature
USDA
Bd. of Higher Ed.
SE
ES
CSRS
President - NDSU
Dir. Cooperative Extension Service
Dir. Ag. Experiment Station
Communications
4-H's Youth Prog.
Home Economics
Agric. & Community Development
County Programs
An. Sci.
Ag. Eng.
Ag. Econ.
Plant Sci.
Ag. Education
Bacteriology
Biochemistry
Botany
Home Economics
Cereal Chem. & Tech.
Veterinary Science
Animal Science
Ag. Engineering
Ag. Economics
Agronomy
Horticulture & For.
Entomology
Plant Pathology
Soil Science
15 Disciplines

As seen in Figure 2, the Agricultural Experiment Station and the Cooperative Extension service enjoy a unique administrative alignment with both the federal level (under Science and Education) and the state level since both are administratively responsible to the president of North Dakota State University. Many of the Cooperative Extension Service and Agricultural Experiment Station personnel are officed together by specialty disciplines and day-by-day interactions are encouraged.

The administration of the agricultural research and extension programs are aided by the Consultation Board for Research and Extension which reports to the State Board of Higher Education. The Consultation Board reviews the programs in the Agricultural Experiment Station and the Cooperative Extension Service to provide guidance as sensed from their involvement with agencies, commodity groups, and private citizens in North Dakota. The Consultation Board is composed of seven persons actively involved in agriculture throughout the state.

The research program in the Agricultural Experiment Station is managed within the framework of formal projects, each with objectives, budget, and statement on expected outcome. There are nearly 300 research projects in the main station and branch stations which provide the research direction to the professional research persons in the College of Agriculture and Agricultural Experiment Station as shown in Figure 4. Most of these persons are on joint appointment between the College and Station. Some have joint Station-Extension appointments.

Approximately 60 percent of the Agricultural Experiment Station and Extension Service funds go into projects that relate to crop production and protection from diseases, weeds, and insects, as shown in Figure 3.

CURRENT RESEARCH EFFORT COMMODITY EMPHASIS

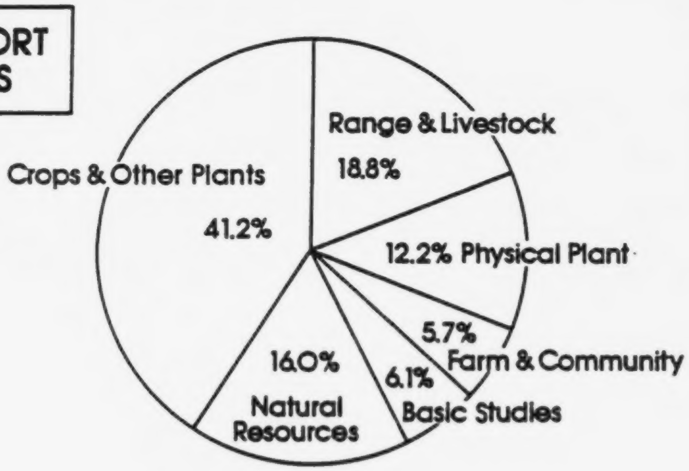


Figure 3

The needs of humans, communities and basic research also are represented in this analysis for the fiscal year which closed June 30, 1983.

During this same fiscal year period funds to provide for agricultural research were received from the sources (and amounts) as shown in Figure 4. The mix of the sources of funds continues to change from year-to-year. Currently the federal contribution is the lowest in recent history. The North Dakota citizen and the state resources continue to carry more and more of the research and extension load each year. In many respects local support of local problems means that we in research and extension will try to respond to the public needs first to the best of our abilities.

Source of Funds, %

Total Research Funds $16,923,652

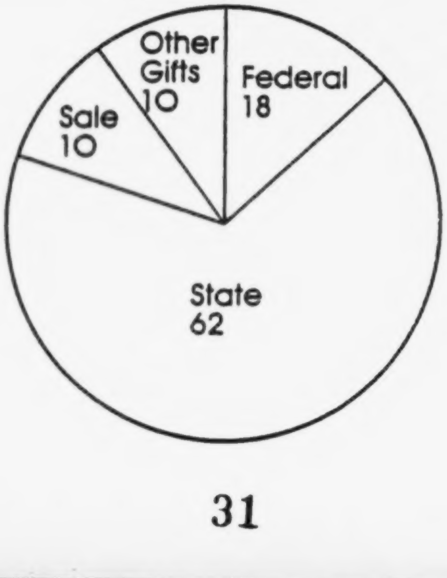


Figure 4

The story of agricultural research at North Dakota State University would not be complete without mention of the significant contribution of the USDA-ARS federal scientists located at the several federal installations in North Dakota, i.e., the Metabolism and Radiation Research Laboratory at Fargo, the Human Nutrition Facility at Grand Forks, and the Northern Great Plains Research Center, Mandan. In addition, there are 21 federally funded USDA-ARS researchers housed in buildings at NDSU, some of which were partially built with federal dollars. The federal-state partnership in agricultural research is the envy (and wonder) of the world.

Agricultural research is conducted at the nine branch stations and the main station by approximately 376 full-time equivalent research positions. A scientist in Figure 5 is defined as a person with the rank of assistant professor or above working for a 12-month period. Note that nearly half of the agricultural research is maintained by persons of this training. Professionals are persons with advanced training. The research program is well balanced and well supported by technical and clerical persons. The scientists and staff at North Dakota State University are well known and respected in the nation and internationally.

Often we are asked by our customers in this state and region about the amount of funds spent on a particular commodity. Our research accountability system will provide a "best estimate" and the top 21 commodities are presented in Figure 6.

Research Support, %

Total years 375.9

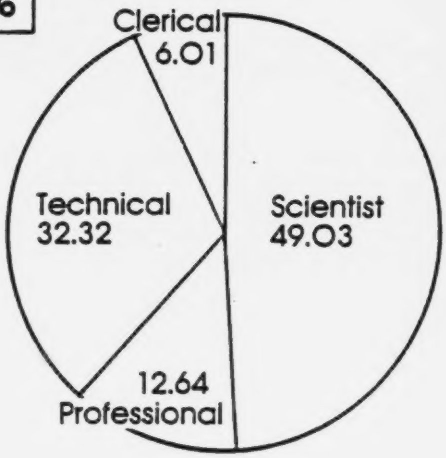


Figure 5

Research by Commodity by $

	$	%	Research Support
1. Beef	1,471,278	8.7	12.7
2. Soil and Land	1,371,576	8.1	9.7
3. Plants	1,267,511	7.5	8.4
4. Sunflower	1,034,283	6.1	13.9
5. HRS Wheat	1,016,706	6.0	9.9
6. Barley	896,608	5.3	9.2
7. Range	761,352	4.5	7.1
8. Animals	718,264	4.2	3.8
9. Durum Wheat	703,394	4.2	10.1
10. Dairy	660,394	2.7	3.7
11. Swine	569,778	3.4	5.6
12. Sheep	487,724	2.9	2.7
13. Biol. Cell. Sys.	482,724	2.9	6.6
14. Water	480,347	2.8	6.4
15. Micro-Organisms	439,455	2.6	8.5
16. Potatoes	435,441	2.6	3.4
17. Communities	335,091	2.0	5.7
18. Marketing Systems	259,725	1.5	4.5
19. Sugarbeet	251,096	1.5	1.2
20. Corn	201,563	1.2	2.1
21. Dry Beans	165,286	1.0	1.2

Figure 6

The returns on investment (ROI) in agricultural research are enormous! It is safe to say that the annual increase in income due to the breeding and release of new wheat varieties in North Dakota would pay all the research bills at the Agricultural Experiment Station many times over. That North Dakota leads the nation in the production of hard red spring wheat, durum wheat, barley, oats, rye, sunflower, flax, honey, and (sugarbeets in the Red River Valley) is no accident! Some recent dry seasons have been equated to the dirty 30's in intensity, but improved farming techniques and crop varieties helped to weather these periods without the hardships seen 40 years ago.

Nationally we watch the bounty from agriculture research, extension and application by the farmers and ranchers pour in. Who would have imagined that one day the United States of America would produce a corn crop big enough to fill a freight train 22,000 miles long; or soybean and wheat crops measured in the billions of bushels?

We look ahead to exciting new breakthroughs in tillage, animal reproduction, power use on the farms, transportation of farm commodities, and an urban way of life in a rural setting. Rural electrification, telephone, water, mail, trash collection, and paved roads are common in the country today. Tomorrow could bring even higher yielding crops with fewer inputs of fertilizer, insecticides and fungicides, if they could be made to produce their own nitrogen, be distasteful to birds and insects, be completely resistant to disease, and suppress weeds that try to grow around them naturally. Sheep that have "litters" of lambs are possible. The potential exists for the dairy farmer to have only female calves born in his production herd or predominately males born in a beef or dairy herd to be sold for seedstock. I am personally very optimistic about the success of the research program in North Dakota in the years ahead. Please accept my invitation to attend the NDSU Field Days, special research and extension programs in the state, in the city of Fargo, and on the NDSU campus.

The Cooperative Extension Service
North Dakota State University
Biennial Report
July 1, 1981 - June 30, 1983

A. Function

The basic function of the North Dakota Cooperative Extension Service is to provide continuing education for youth and adults; education designed to help people deal with the everyday complexities of operating a farm or ranch, making their community a better place to live, and managing a home.

Its primary responsibility is to assist both rural and urban families throughout the state through educational programs primarily oriented toward solving agricultural, home economics and community problems. It is also responsible for the administration of the 4-H Youth program. As the field arm of the state's land grant university, it represents the university in each of its county offices and serves as a communication link between the homes and communities throughout the state and the university campus.

The Cooperative Extension Service is cooperatively financed from appropriations by the State Legislature; by funds appropriated by boards of county commissioners for the support of the county extension staff and offices; and by funds appropriated to the United States Department of Agriculture and allocated to the state as authorized in the Smith-Lever Act as amended. Funds are also made available by the Bureau of Indian Affairs for the support of an extension progam on each of the Indian reservations in the state. Funds from commodity groups, other public agencies and from private sources support personnel and programs in agriculture and 4-H youth work.

Joint consultation is received from the boards of county commissioners, the United States Department of Agriculture, and the North Dakota Agricultural Experiment Station and Extension Service Consultation Board.

Through citizen advisory committees, extension staff determine what the various publics want and need; this input provides the base for designing and conducting the educational programs. This same citizen advisory system is a source of ideas for needed research. Thus, the Cooperative Extension Service, with staff serving every county in the state, provides day-to-day linkage between North Dakota State University and the people of the state.

Mission

The basic responsibility of the North Dakota Cooperative Extension Service is to help people identify and solve their farm, home and community problems through the latest research information of the state land grant university, USDA, and other research souces. This responsibility is carried out through program leaders, specialist staff with statewide assignments, and county and area staff serving each county in the state. These university staff conduct educational programs in agriculture and natural resources, home economics, 4-H and older youth, and community development.

Goals

- Increase the crop and livestock productivity and efficiency of farm and ranch units.
- Improve the management and marketing skills of farm and ranch producers and marketing firm managers.
- Encourage citizens to conserve and protect the natural resources in balance with the need to produce food, fiber and energy.
- Strengthen the family living and home environment; health and nutrition; housing; and family resource management.
- Provide educational and personal development experiences for rural and urban youth.
- Strengthen the leadership capabilities of citizens to cope with their community needs.

To carry out its educational mission, the Extension Service maintains an off-campus staff dispersed throughout the state. Specialists, program leaders and administrators are located on the North Dakota State Univeristy campus. Each of the 53 counties and four Indian reservations is staffed by 26 county home economists and four area home economists. One area 4-H agent serves a four county area and an urban 4-H agent serves the urban youth in the Fargo and Cass County area. Eight area agricultural agents work in the subject matters of irrigation, agronomy, soils, potatoes and range management. One area resource development agent is assigned to nine counties in the southwestern North Dakota energy development area.

As of July 1, 1983, the Cooperative Extension Service employed 188 professional staff, 113 of whom are located in the counties while 75 are located on the campus of North Dakota State University. Secretarial and technician support for the organization are appropriately located on campus and throughout the state. The Cooperative Extension Service is responsible for the supervision of all county clerical staff members who are employed as county personnel and are paid from county extension funds.

Programs of the Cooperative Extension Service are carried out through diverse methods, including office calls, farm and home visits, local meetings, result demonstrations and the use of mass communication media including news stories, radio and television and a number of periodic newsletters to appropriate audiences. More recently, closed circuit television, telecommunication and computers are being utilized.

Information was developed and presented through a statewide network of radio, television and newspapers on a continuing weekly basis. Additionally, intense news coverage by all media is provided on topics of critical nature, such as unusual weather, pest epidemics, economic circumstances, or human health dangers.

B. Evaluation

Accomplishments of the Cooperative Extension Service during the 1981-83 biennium are reported in detail in Annual Reports of Accomplishment for Fiscal Year 1982," and Fiscal Year 1983." Copies are available in the Office of the Director, Cooperative Extension Service, Room 109, Morrill Hall, North Dakota State University, Fargo, ND 58105.

These reports contain information on accomplishments of the Cooperative Extension Service in the four program areas of Home Economics, 4-H and Youth, Agriculture and Community Resource Development. In FY 1982, professional extension staff had more than 970,000 contacts with North Dakota citizens on a wide range of subject matter.

Agriculture and Natural Resources

Crop Production and Marketing

Comprehensive educational programs designed to increase production and marketing efficiency of crops to enhance producer profits were carried out during the biennium. A variety of educational techniques and strategies were used to deliver this program to producers. Crop management short courses, (intensive learning experiences), field demonstrations, meetings, tours along with numerous printed and electronic educational materials were used to deliver programs to producers. Examples of specific program activities and the outcomes are listed below:

Payment in Kind Program (PIK)
Extension staff participated in 280 local meetings on the 1983 PIK and Reduced Acreage Program; with 15,000 farmers in attendance; 5,000 farmers were given individual attention; and 2,800 were assisted by the AGNET program FARMPROGRAM. Printed materials on management of PIK acres were developed cooperatively with the ASCS and distributed to producers throughout the state.

Numerous educational meetings, field days, and tours provided farmers with the latest information on reduced tillage farming systems. Information ranged from chemical fallow and no-till techniques to fertility and chemical pest control management.

Reduction of Insect Losses
A total of 2,439 farmers received individual consultation on insect problems. The North Dakota Pest Report, a weekly report of weed, insect and disease pest control information, went to 822 subscribers during the summer of each year. In sunflowers alone 880,000 acres were treated with an improved productivity benefit of $9.4 million.

Leafy Spurge Educational Program
Losses due to leafy spurge were reduced by $550,000 via educational programs and control demonstration plots. Over 550 farmers and ranchers attended the tours in 26 locations throughout North Dakota.

Sugarbeet Production Practices
Extension provided information to 75% of the sugarbeet growers in the Red River Valley. Information included the latest technology on tillage practices, weed control, disease control, insect control, harvesting techniques. It is estimated that a 5% yield increase was achieved through these improved practices leading to an increased value of sugarbeets of over $12 million each year. Benefits of improved disease control practices including protectional fungicides are estimated at $9.5 million annually.

Crop Conditioning and Storage
In 1983, crop conditioning and storage information was provided through 49 educational meetings with an attendance of 4,000 producers and people supplying producers with crop handling systems. Over 800 grain handling systems were improved as a result of this information gained by producers.

Agricultural Marketing Programs
Extension provided grain marketing education and information to 1,900 workshop participants. Over 3,300 personal consultations and over 300 news columns. Use of futures markets, forward and delayed pricing and other marketing alternatives, as well as seasonal price expectations comprised the topics covered.

Weed Control Educational Program
Meetings relating to effective weed control both in crops and on idle acres in the PIK program were conducted in every county in the state. Demonstration plots were located strategically throughout the state to help producers see the beneficial effects of controlling weeds with alternate techniques, using both cultural and chemical control methods.

Livestock Production and Marketing
Farmers and ranchers in North Dakota benefited as a result of receiving information on breeding, nutrition, disease and parasite control and marketing of livestock products. Benefits included increased production and lower per unit costs of production. County extension agents documented approximate cost savings of $360,000 to the producers during the year. Computer programs on the AGNET system that helped producers accomplish these savings include: FEEDMIX, BEEF, COWCOST, CALFLITTER and GRASSFAT.

A program on preconditioning beef calves was continued in this biennium. In 1982, 72,000 calves were certified as meeting the preconditioning requirements required to market them as certified "Green Tag" calves. It is estimated that preconditioning adds a minimum of $10 per head through increased weight and increased selling prices, leading to increased value in 1972 of $720,000. Thirty-four "green tag" meetings were conducted cooperatively with other organizations in livestock marketing.

Producer expertise was improved for over 3,000 participants in 22 workshops and 14 livestock marketing sessions. A weekly news column ("Market Advisor") was initiated and carried in nearly all of the newspapers in the state.

Performance testing in beef cattle sponsored by the Beef Cattle Improvement Association was continued. Performance testing computer programs were developed by extension specialists and implemented with swine and sheep producers in the state.

A continuing education program for the approximately 120 practicing veterinarians in the state was carried out through the Extension Service. The objective is to provide continuing education and professional improvement for veterinarians in order to improve their skills to serve the livestock producers and owners of companion animals.

Farm Financial Planning and Management

Because of the difficult cost price squeeze on North Dakota producers an intensive program of meetings with lenders and agricultural producers on improving financial management skills was carried out during the biennium. The topics included: maintaining farm records, analysis of farm records, cash flow budgeting, evaluation of financial performance and financial decision-making processes. Some of these programs are carried out cooperatively with Farmers Home Administration and other suppliers of credit to farmers.

Training sessions were also held on campus specifically for the staff of the Farmers Home Administration to improve their skills in evaluating and managing credit for limited resource farmers in the state.

Home Economics

Home economics programs during the biennium focused largely on food and nutrition concerns and family financial management. Food and nutrition programs included such subjects as food needs, food selection, preparation and storage, food safety, sanitation and preservation. County extension home economists provided leader training on numerous topics to extension homemaker club leaders for the organized club program. The leaders, in turn, reach over 20,000 club members and friends in their communities with these topics.

Twenty-two counties offered programs relating to making more healthful food choices. Audiences were low income families in rural and urban areas and included four American Indian reservations, the elderly, food stamp recipients, homemaker clubs, community and service groups, schools and the handicapped. The AGNET computer program DIETCHECK was run numerous times in order to demonstrate building more nutritious diet with available foods. Many of these programs are carried out within the Expanded Food Nutrition Education Program (EFNEP).

Extension home economists received training and teaching packets on Super Soups, use of dry edible beans and sunflower. These resulted in 65 programs and workshops for the public and homemaker clubs.

A program entitled "Taming the Food Dollar" was prepared. It contained six publications and a leaders program guide which is used to teach the program. 1,028 volunteer leaders received 113 hours of training by the extension home economists throughout the state. The leaders, in turn, presented this program to over 12,000 homemaker club members and others through a series of meetings, demonstrations, and workshops. A follow-up evaluation of this program from a representative sample of over 500 participants showed they did more comparison shopping, read labels more carefully and were more aware of grocery store selling techniques, after participation in the program. The individuals in the sample indicated that nearly half of them saved as much as $25 a month on their grocery shopping.

Financial management topics within that extension program include record keeping, management of savings, management of credit, dealing with inflation, topics on taxes, wills, insurance, banking services, retirement planning, social security and estate planning.

The EFNEP program is operating in nine designated areas in the state. The focus of this program is to assist those of less financial means, especially young families, in becoming more knowledgeable about food and nutrition topics.

Organized Extension Homemaker Clubs are active in every county of the state with over 13,000 women participating in over 1,000 clubs. A variety of programs are offered to meet the needs and interests of club members who are trained in numerous subject matter areas during each program year. Club leaders receive training from county home economists and in turn share this information in their local clubs. The leaders serve as multipliers in sharing the knowledge and reach much larger audiences than could be accomplished with extension staff operating alone.

4-H and Youth

A major volunteer leader training and development program has been launched by the 4-H youth staff as an integral part of strengthening the 4-H youth program. These training programs were conducted throughout the state for volunteer 4-H leaders. Leaders are also encouraged to participate in statewide and North Central Region leader training forums. Over 4,200 adult leaders and 508 junior and teen leaders helped make the 4-H program successful.

More than 25,000 youth, primarily 9-19 years of age, participated in 4-H in 1983. Over 10,000 were members of 759 4-H clubs, and nearly 14,000 were members of 630 special interest units. More than 3,000 youth were involved in school enrichment units, individual study programs and instructional TV series. Expanded food and nutrition education programs, primarily for low income city youth were provided to 2,525 young people in 1983.

Community Resource Development

Community changes, in some cases dramatic, continue to take place across North Dakota. Rapid growth and decline, arising from variable mineral exploration and processing, installation of large scale public facilities, or decline, resulting from relocation or phasing out public or private functions, create physical, financial and social strains on local communities.

Involvement of extension professionals to improve the quality of life in rural communities focused on improving leadership skills, strengthening management skills for operators of non-farm businesses, and assisting communities with needs assessments and goal setting. Specific programs include:

Community Attitude Surveys—these involve efforts by state and county staff to help communities conduct surveys to determine needs and methods of achieving them.

Small Business Management—extension specialists cooperated with SBA and North Dakota Vocational Education Department in **Making it in Small Business Workshops** throughout the state of North Dakota. Over 3,000 circulars were distributed on the "Use of Census Data in Retail Marketing."

Staff development and training continue to be very important areas within the Extension Service. Well qualified county and specialist extension staff are occasionally hired by other agencies or institutions. Adequate salary levels and staff development programs are critical items in maintaining a well qualified staff.

Our clientele, particularly the farmers and ranchers, are more than ever, seeking quick and complete responses to increasingly complex questions about the management of their farming and ranching operations. Keeping field staff supplied with current information through publications, training and individual contact is a major challenge. Members of the field and specialist staffs are also facing continually increasing demands on their time and talents because of the expanding needs and interests of our clients.

The use of computers as an agricultural management tool continues to increase. Farmers, ranchers, homemakers, businesses, and farm supply credit agencies are looking to computers for assistance in managing their increasingly complex businesses. During the biennial period of July 1, 1981-June 30, 1983, computer terminals were available in all county extension offices to make the AGNET system more available to our clientele.

The future needs of the Cooperative Extension Service are to maintain sufficient resources to provide necessary Extension Service programs, to insure the retention of present competent staff members with needed new competencies, and to permit the organization to be even more responsive to the expanding needs of the state's citizens.

COMPARATIVE CONDENSED BALANCE SHEET
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Exhibit A

ASSETS

CURRENT FUNDS	1982	1981
Unrestricted		
Cash	$ 1,335,086	$ (1,166,186)
Temporary Investments (Note 1)	2,100,000	2,100,000
Accounts Receivable - State Treasurer	343,372	2,180,503
Accounts Receivable	2,091,973	2,485,235
Inventories (Note 3)	2,095,129	1,442,040
Due From Other Funds	36,350	-0-
TOTAL	$ 8,002,410	$ 7,041,592
Restricted		
Cash	$ 252,498	$ 953,588
Temporary Investments (Note 1)	49,372	45,596
Accounts Receivable	1,674,273	1,341,766
TOTAL	$ 1,976,143	$ 2,340,950
Auxiliaries		
Cash	$ 895,096	$ 1,244,084
Temporary Investments (Note 1)	-0-	-0-
Accounts Receivable	196,771	139,638
Inventories (Note 3)	930,019	930,605
TOTAL	$ 2,021,886	$ 2,314,327
TOTAL CURRENT FUNDS	$ 12,000,439	$ 11,696,869
LOAN FUNDS		
Cash	$ 350,847	$ 406,915
Accounts Receivable	21,690	-0-
Student Loans Receivable	6,503,231	6,416,743
USAF Inc. Matching Deposits	13,600	13,600
TOTAL	$ 6,889,368	$ 6,837,258
ENDOWMENT AND SIMILAR FUNDS		
Cash	$ 579,617	$ 469,329
Interest Receivable	-0-	591
Temporary Investments (Note 1)	1,627,589	1,433,967
Other Investments (Note 3)	36,712	36,712
TOTAL	$ 2,243,918	$ 1,940,599
PLANT FUNDS		
Cash	$ (14,532)	$ (759,727)
Accounts Receivable - State Treasurer	376,379	105,051
Accounts Receivable	160,071	887,730
Due From Other Funds	-0-	101,407
Temporary Investments (Note 1)	1,906,149	1,689,662
Plant, Land Improvements, Buildings and Contents (Note 4)	107,769,764	99,342,343
TOTAL	$110,197,831	$101,366,466
AGENCY FUNDS		
Cash	$ 883,743	$ 1,133,882
Temporary Investments (Note 1)	103,113	91,873
Accounts Receivable	127,466	38,485
TOTAL	$ 1,114,322	$ 1,264,240

COMPARATIVE CONDENSED BALANCE SHEET
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Exhibit A

LIABILITIES AND FUND BALANCES

	1982	1981
CURRENT FUNDS		
Unrestricted		
Deferred Revenue	$ 2,020,846	$ 572,466
Accrued Payroll	243,359	256,190
Vouchers Payable	549,519	618,490
Due to Other Funds	-0-	101,407
Reserves and Fund Balances	5,188,686	5,493,039
TOTAL	$ 8,002,410	$ 7,041,592
Restricted		
Deferred Revenue	$ 634,470	$ 471,388
Vouchers Payable	47,305	110,101
Accrued Payroll	113,376	112,639
Grant and Contract Fund Balances	1,105,065	1,547,350
Scholarship Fund Balances	75,927	99,472
TOTAL	$ 1,976,143	$ 2,340,950
Auxiliaries		
Accrued Payroll	$ 33,829	$ 23,571
Vouchers Payable	124,376	63,933
Fund Balances	1,863,681	2,226,823
TOTAL	$ 2,021,886	$ 2,314,327
TOTAL CURRENT FUNDS	$ 12,000,439	$ 11,696,869
LOAN FUNDS		
Deferred Revenue	$ 6,204	$ -0-
Vouchers Payable	-0-	-0-
Institutional Loan Fund Balances	724,551	708,512
Federal Loan Fund Balances	6,158,613	6,128,746
TOTAL	$ 6,889,368	$ 6,837,258
ENDOWMENT AND SIMILAR FUNDS (NOTE 7)		
Endowment Fund Balances	$ 35,421	$ 35,421
Quasi Endowment Fund Balances	2,170,119	1,869,493
Term Endowment Fund Balances	38,378	35,685
TOTAL	$ 2,243,918	$ 1,940,599
PLANT FUNDS		
Vouchers Payable	$ 383,917	$ 62,571
Due to Other Funds	36,850	-0-
Bonds Payable (Note 5)	8,718,000	9,008,000
Deferred Revenue	-0-	101,407
Unexpended Plant Fund Balances	73,810	151,199
Debt Service Fund Balances	1,933,491	1,708,946
Net Investment in Plant	99,051,763	90,334,343
TOTAL	$110,197,831	$101,366,466
AGENCY FUNDS		
Deferred Revenue	$ 12,605	$ -0-
Accrued Payroll	23,673	22,325
Accounts Payable	43,077	41,513
Withholding Payable	558,876	476,627
Balances Held in Trust	476,091	723,775
TOTAL	$ 1,114,322	$ 1,264,240

COMPARATIVE STATEMENT OF CURRENT FUNDS, REVENUES, EXPENDITURES, AND OTHER CHANGES
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Exhibit B

REVENUES	UNRESTRICTED	AUXILIARIES	RESTRICTED	TOTAL	PRIOR YEAR TOTAL
Tuition and Fees	$ 6,318,633	$ -0-	$ -0-	$ 6,318,633	$ 5,266,542
Federal Appropriations	4,836,828	-0-	-0-	4,836,828	4,813,209
State Appropriations	34,094,582	-0-	-0-	34,094,582	30,348,393
Federal Grants and Contracts	381,072	73,908	4,246,530	4,701,510	4,008,946
State Grants and Contracts	330,977	-0-	450,643	781,620	1,067,305
Other Gifts, Grants, and Contracts	480,945	155,000	1,848,726	2,484,671	2,155,939
Endowment Income	967,047	-0-	-0-	967,047	799,107
Sales and Services	4,156,282	9,601,384	-0-	13,757,666	13,272,932
Miscellaneous Other Sources	303,346	-0-	-0-	303,346	432,559
TOTAL CURRENT REVENUES	$51,869,712	$ 9,830,292	$ 6,545,899	$68,245,903	$62,164,932
EXPENDITURES AND MANDATORY TRANSFERS					
Education and General:					
Instruction and Departmental Research	$16,346,377	$ -0-	$ 376,345	$16,722,722	$14,877,256
Public Service	7,573,574	-0-	232,840	7,806,414	6,999,473
Organized Research	13,855,067	-0-	4,232,019	18,087,086	15,195,471
Academic Support	3,506,610	-0-	367,192	3,873,802	3,186,626
Student Services	1,679,047	-0-	413,428	2,092,475	1,963,813
Institutional Support	3,550,286	-0-	80,857	3,631,143	3,169,930
Physical Plant	5,604,320	-0-	8,400	5,612,720	5,078,996
Scholarships and Fellowships	-0-	-0-	834,818	834,818	796,568
TOTAL EDUCATIONAL AND GENERAL EXPENDITURES	$52,115,281	$ -0-	$ 6,545,899	$58,661,180	$51,270,133
Mandatory Transfers for:					
Loan Fund Matching	$ 3,208	$ -0-	$ -0-	$ 3,208	$ 8,460
Principal and Interest	58,394	-0-	-0-	58,394	61,291
Auxiliary Enterprises:					
Expenditures	$ -0-	$ 9,417,007	$ -0-	$ 9,417,007	$ 8,409,079
Mandatory Transfers for:					
Principal and Interest	-0-	679,533	-0-	679,533	775,752
TOTAL AUXILIARY ENTERPRISES	$ -0-	$10,096,540	$ -0-	$10,096,540	$ 9,184,831
TOTAL EXPENDITURES AND MANDATORY TRANSFERS	$52,176,883	$10,096,540	$ 6,545,899	$68,819,322	$60,524,715
OTHER TRANSFERS AND ADDITIONS (DEDUCTIONS)					
Excess of Restricted Receipts over Transfers to Accounts	$ -0-	$ -0-	$ (594,108)	$ (594,108)	$ 358,099
Refunded to Grantors	(9,419)	-0-	(46,022)	(55,441)	(9,790)
Transfers to State Treasurer	-0-	-0-	-0-	-0-	-0-
Interfund Transfers In (Out)	(720,962)	7,316	91,878	(621,768)	(465,893)
Other Additions (Deductions)	733,199	18,562	82,423	834,184	235,976
NET INCREASE (DECREASE) IN FUND BALANCES	$ (304,353)	$ (240,370)	$ (465,829)	$(1,010,552)	$ 1,758,609

North Dakota State University, Fargo, North Dakota

STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1982

Exhibit C

	CURRENT FUNDS					PLANT FUNDS		
REVENUES AND OTHER ADDITIONS	UNRESTRICTED	AUXILIARIES	RESTRICTED	LOAN FUNDS	ENDOWMENT FUNDS	UNEXPENDED	DEBT SERVICE	INVESTMENT IN PLANT
Unrestricted Current Fund Revenues	$51,869,712	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
State Appropriations	-0-	-0-	-0-	-0-	-0-	3,551,409	-0-	-0-
State Grants and Contracts	-0-	-0-	287,314	10,350	-0-	-0-	-0-	-0-
Federal Grants and Contracts	-0-	-0-	3,808,722	122,026	-0-	780	-0-	-0-
Private Grants and Contracts	-0-	-0-	1,599,698	-0-	170,925	9,970	-0-	-0-
Gifts	-0-	-0-	-0-	1,173	-0-	1,748,640	-0-	141,518
Sales and Services	-0-	-0-	231,396	-0-	-0-	-0-	-0-	-0-
Tuition and Fees	-0-	-0-	14,603	-0-	-0-	-0-	-0-	-0-
Miscellaneous Income	-0-	-0-	10,058	-0-	-0-	43,212	-0-	-0-
Interest Income	-0-	-0-	-0-	107,970	91,354	-0-	214,695	-0-
Auxiliary Enterprises Revenues	-0-	9,830,292	-0-	-0-	-0-	-0-	-0-	-0-
Debt Retirement	-0-	-0-	-0-	-0-	-0-	-0-	-0-	290,000
Expended for Plant Facilities	-0-	-0-	-0-	-0-	-0-	-0-	-0-	8,845,111
Cancellation Reimbursements 6-1-72 and After	-0-	-0-	-0-	15,486	-0-	-0-	-0-	-0-
Realized Bond Sale Income	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Special Student Fee Assessment	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Other Additions	733,199	18,562	82,423	-0-	-0-	-0-	-0-	-0-
TOTAL REVENUES AND OTHER ADDITIONS	$52,602,911	$ 9,848,854	$ 6,034,214	$ 257,005	$ 262,279	$ 5,354,011	$ 214,695	$ 9,276,629
EXPENDITURES AND OTHER DEDUCTIONS								
Education and General Expenditures	$52,115,281	$ -0-	$ 6,545,899	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprises Expenditures	-0-	9,417,007	-0-	-0-	-0-	-0-	-0-	-0-
Endowment Fund Expenditures	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Refunded to Grantors	9,419	-0-	46,022	-0-	-0-	-0-	-0-	-0-
Bonds Retired	-0-	-0-	-0-	-0-	-0-	-0-	290,000	-0-
Interest Expense	-0-	-0-	-0-	-0-	-0-	-0-	411,941	-0-
Trust [illegible]	-0-	-0-	-0-	-0-	-0-	-0-	7,575	-0-
Expended for Plant Facilities	-0-	-0-	-0-	-0-	-0-	6,012,128	-0-	-0-
Building Deletions	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Equipment Deletions	-0-	-0-	-0-	-0-	-0-	-0-	-0-	559,208
Nursing Service Cancellations	-0-	-0-	-0-	12,990	-0-	-0-	-0-	-0-
Teacher Cancellations	-0-	-0-	-0-	25,290	-0-	-0-	-0-	-0-
Death Cancellations	-0-	-0-	-0-	1,280	-0-	-0-	-0-	-0-

North Dakota State University, Fargo, North Dakota

STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1982

Exhibit C

	CURRENT FUNDS					PLANT FUNDS		
EXPENDITURES AND OTHER DEDUCTIONS	UNRESTRICTED	AUXILIARIES	RESTRICTED	LOAN FUNDS	ENDOWMENT FUNDS	UNEXPENDED	DEBT SERVICE	INVESTMENT IN PLANT
Bankruptcy Cancellations	$ -0-	$ -0-	$ -0-	$ 1,485	$ -0-	$ -0-	$ -0-	$ -0-
Military Cancellations	-0-	-0-	-0-	436	-0-	-0-	-0-	-0-
Disability Cancellations	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Expense Reimbursements	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Collection Expense	-0-	-0-	-0-	14,202	-0-	-0-	-0-	-0-
Uncollectable Non-Federal Loans	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Other Deductions	-0-	-0-	-0-	100,000	-0-	-0-	-0-	-0-
Administrative Expense	-0-	-0-	-0-	58,624	-0-	-0-	-0-	-0-
TOTAL EXPENDITURES AND OTHER DEDUCTIONS	$52,124,700	$ 9,417,007	$ 6,591,921	$ 214,307	$ -0-	$ 6,012,128	$ 709,516	$ 559,208
TRANSFERS AMONG FUNDS								
Loan Fund Matching	$ (3,208)	$ -0-	$ -0-	$ 3,208	$ -0-	$ -0-	$ -0-	$ -0-
Mandatory								
Principal and Interest Expended from Current General Funds	(58,394)	(679,533)	-0-	-0-	-0-	-0-	737,927	-0-
Interfund Transfers	(720,962)	7,316	91,878	-0-	41,040	580,728	-0-	-0-
TOTAL TRANSFERS	$ (782,564)	$ (672,217)	$ 91,878	$ 3,208	$ 41,040	$ 580,728	$ 737,927	$ -0-
Net Increase (Decrease)	$ (304,353)	$ (240,370)	$ (465,829)	$ 45,906	$ 303,319	$ (77,389)	$ 243,106	$ 8,717,421
Fund Balances 7-1-81	5,493,039	2,226,823	1,646,821	6,837,258	1,940,599	151,199	1,708,945	90,334,343
Equity Adjustments	-0-	(122,772)	-0-	-0-	-0-	-0-	(18,561)	-0-
Fund Balances 6-30-82	5,188,686	1,863,681	1,180,992	6,883,164	2,243,918	73,810	1,933,490	99,051,764

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Schedule S-1

	North Dakota State University			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$44,771,009	$ 350,000	$20,898,353	$24,222,656
Operating Expenses	13,768,349	-0-	6,213.313	7.555.036
Equipment	1,362,413	-0-	717,320	645,093
Plant Improvements	2,990,719	100,000	1,464,323	1,626,396
TOTAL	$62,892,490	$ 450,000	$29,293,309	$34,049,181

Note 1: Appropriations consist of $10,950,401 estimated income and $51,942,089 from General Funds.
Note 2: EEC $350,000 adjustment approved 2/4/82.
Note 3: EEC $100,000 flood repairs approved 7/29/81.

	Upper Great Plains Transportation Institute			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 446,064	$ -0-	$ 183,456	$ 262,608
Operating Expenses	122,382	-0-	50,212	72,170
Equipment	7,900	-0-	3,959	3,941
TOTAL	$ 576,346	$ -0-	$ 237,627	$ 338,719

Note 1: Appropriations consist of $228,800 estimated income and $347,546 from General Funds.

	Toxicology Lab			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 387,073	$ -0-	$ 171,669	$ 215,404
Operating Expenses	90,017	-0-	43,301	46,716
Equipment	19,800	-0-	1,946	17,854
TOTAL	$ 496,890	$ -0-	$ 216,916	$ 279,974

Note 1: Appropriations consist of $216,673 estimated income and $280,217 from General Funds.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Schedule S-1

	Extension Division			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$14,124,048	$ -0-	$ 3,136,246	$10,987,802
Operating Expenses	2,636,363	-0-	209,662	2,426,701
Equipment	292,145	-0-	96,235	195,910
TOTAL	$17,052,556	$ -0-	$ 3,442,143	$13,610,413

Note 1: Appropriations consist of $10,430,972 estimated income and $6,621,584 from General Funds.
Note 2: Estimated Income includes $3,692,807 County Agent Salary Funds distributed at the county level.

	Main Experiment Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$22,371,763	$ -0-	$ 8,253,596	$14,118,167
Operating Expenses	4,796,347	-0-	2,008,511	2,787,836
Equipment	1,283,135	-0-	510,918	772,217
Edible Bean and Calf	200,000	-0-	-0-	200,000
Capital Improvements	1,435,160	-0-	749,833	685,327
TOTAL	$30,086,405	$ -0-	$11,522,858	$18,563,547

Note 1: Appropriations consist of $11,838,311 estimated income and $18,048,094 from General Funds.

	Extension Division Special Nutrition Program			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 607,507	$ -0-	$ 295,824	$ 311,683
Operating Expenses	48,100	-0-	40,384	7,716
Equipment	500	-0-	124	376
TOTAL	$ 656,107	$ -0-	$ 336,332	$ 319,775

Note 1: All Appropriations consist of Federal Funds.

	Extension Division Energy Service			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 396,398	$ -0-	$ 180,555	$ 215,843
Operating Expenses	97,368	-0-	62,820	34,548
Equipment	2,500	-0-	2,212	288
TOTAL	$ 496,266	$ -0-	$ 245,587	$ 250,679

Note 1: All Appropriations consist of Federal Funds.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Schedule S-1

	Dickinson Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 82 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 556,335	$ -0-	$ 266,591	$ 289,744
Operating Expense	269,932	-0-	183,545	86,387
Equipment	82,400	-0-	48,493	33,907
Capital Improvements	25,477	-0-	3,583	21,894
TOTAL	$ 934,144	$ -0-	$ 502,212	$ 431,932

Note 1: Appropriations consist of $125,000 estimated income and $809,144 from General Funds.

	Central Grasslands Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 82 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 196,153	$ -0-	$ 80,196	$ 115,957
Operating Expense	141,593	-0-	98,366	43,227
Equipment	225,000	-0-	223,121	1,879
TOTAL	$ 562,746	$ -0-	$ 401,683	$ 161,063

Note 1: Appropriations consist of $50,000 estimated income and $512,746 from General Funds.

	Hettinger Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 82 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 173,070	$ -0-	$ 79,774	$ 93,296
Operating Expenses	100,757	-0-	67,608	33,149
Equipment	57,335	-0-	31,668	25,667
Capital Improvements	47,600	-0-	47,400	200
TOTAL	$ 378,762	$ -0-	$ 226,450	$ 152,312

Note 1: Appropriations consist of $75,000 estimated income and $303,762 from General Funds.

	Langdon Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 82 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 204,850	$ -0-	$ 97,186	$ 107,664
Operating Expenses	81,543	-0-	54,321	27,222
Equipment	40,042	-0-	35,061	4,981
Capital Improvements	40,000	-0-	34,728	5,272
TOTAL	$ 366,435	$ -0-	$ 221,296	$ 145,139

Note 1: Appropriations consist of $40,000 estimated income and $326,435 from General Funds.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Schedule S-1

	North Central Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 295,879	$ -0-	$ 136,210	$ 159,669
Operating Expenses	157,370	-0-	77,302	80,068
Equipment	49,606	-0-	34,519	15,087
Capital Improvements	85,500	-0-	53,456	32,044
TOTAL	$ 588,355	$ -0-	$ 301,487	$ 286,868

Note 1: Appropriations consist of $217,606 estimated income and $370,749 from General Funds.

	Williston Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 328,546	$ -0-	$ 151,500	$ 177,046
Operating Expenses	105,157	-0-	54,015	51,142
Equipment	48,900	-0-	32,887	16,013
Capital Improvements	46,500	-0-	38,543	7,957
TOTAL	$ 529,103	$ -0-	$ 276,945	$ 252,158

Note 1: Appropriations consist of $60,000 estimated income and $469,103 from General Funds.

	Carrington Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 540,698	$ -0-	$ 227,989	$ 312,709
Operating Expenses	333,319	-0-	158,588	174,731
Equipment	90,900	-0-	80,173	10,727
Capital Improvements	30,000	-0-	30,000	-0-
TOTAL	$ 994,917	$ -0-	$ 496,750	$ 498,167

Note 1: Appropriations Consist of $291,600 estimated income and $703,317 from General Funds.

	Agronomy Seed Farm Branch Station			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries and Wages	$ 177,751	$ -0-	$ 76,169	$ 101,582
Operating Expenses	297,686	-0-	135,616	162,070
Equipment	120,000	-0-	83,596	36,404
TOTAL	$ 595,437	$ -0-	$ 295,381	$ 300,056

Note 1: Appropriations consist of $595,437 estimated income.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1982

North Dakota State University, Fargo, North Dakota

Schedule S-1

	Animal Replacement Center			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Livestock	$ 300,000	$ -0-	$ 2,750	$ 297,250
TOTAL	$ 300,000	$ -0-	$ 2,750	$ 297,250

Note 1: Appropriations consist of $300,000 estimated income from livestock sales.

	Northern Crops Institute			
OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	BALANCE 6-30-82
Salaries	$ -0-	$ -0-	$ -0-	$ -0-
Operating Expenses	100,000	-0-	4,713	95,287
Equipment	200,000	-0-	-0-	200,000
TOTAL	$ 300,000	$ -0-	$ 4,713	$ 295,287

Note 1: Appropriations consist of $240,000 estimated income and $60,000 from General Funds.

COMPARATIVE CONDENSED BALANCE SHEET
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Exhibit A

ASSETS

CURRENT FUNDS	1983	1982
Unrestricted		
Cash	$ 725,271	$ 1,335,086
Temporary Investments (Note 1)	2,100,000	2,100,000
Accounts Receivable - State Treasurer	2,891,840	343,372
Accounts Receivable	1,132,244	2,091,973
Inventories (Note 3)	2,379,172	2,095,129
Due From Other Funds	-0-	36,850
TOTAL	$ 9,228,527	$ 8,002,410
Restricted		
Cash	$ 791,495	$ 252,498
Temporary Investments (Note 1)	43,159	49,372
Accounts Receivable	891,792	1,674,273
TOTAL	$ 1,726,446	$ 1,976,143
Auxiliaries		
Cash	$ 1,993,098	$ 895,096
Temporary Investments (Note 1)	-0-	-0-
Accounts Receivable	147,576	196,771
Inventories (Note 3)	1,088,601	930,019
TOTAL	$ 3,229,275	$ 2,021,886
TOTAL CURRENT FUNDS	$ 14,184,248	$ 12,000,439
LOAN FUNDS		
Cash	$ 465,126	$ 350,847
Accounts Receivable	-0-	21,690
Student Loans Receivable	6,529,099	6,503,231
USAF Inc. Matching Deposits	13,600	13,600
TOTAL	$ 7,007,825	$ 6,889,368
ENDOWMENT AND SIMILAR FUNDS		
Cash	$ 656,726	$ 579,617
Interest Receivable	-0-	-0-
Temporary Investments (Note 1)	1,241,435	1,627,589
Other Investments (Note 3)	36,712	36,712
TOTAL	$ 1,934,873	$ 2,243,918
PLANT FUNDS		
Cash	$ (490,009)	$ (14,532)
Accounts Receivable - State Treasurer	590,194	376,379
Accounts Receivable	-0-	160,071
Due From Other Funds	-0-	-0-
Temporary Investments (Note 1)	2,061,136	1,906,149
Plant, Land Improvements, Buildings and Contents (Note 4)	113,604,835	107,769,764
TOTAL	$115,766,156	$110,197,831
AGENCY FUNDS		
Cash	$ 1,046,337	$ 883,743
Temporary Investments (Note 1)	110,806	103,113
Accounts Receivable	149,070	127,466
Tuition and Fees Receivable	2,264,118	-0-
TOTAL	$ 3,570,331	$ 1,114,322

COMPARATIVE CONDENSED BALANCE SHEET
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Exhibit A

LIABILITIES AND FUND BALANCES

CURRENT FUNDS	1983	1982
Unrestricted		
Deferred Revenue	$ -0-	$ 2,020,846
Accrued Payroll	270,567	243,359
Vouchers Payable	968,796	549,519
Due to Other Funds	-0-	-0-
Reserves and Fund Balances	7,989,164	5,188,686
TOTAL	$ 9,228,527	$ 8,002,410
Restricted		
Deferred Revenue	$ -0-	$ 634,470
Vouchers Payable	65,605	47,305
Accrued Payroll	122,713	113,376
Grant and Contract Fund Balances	1,431,832	1,105,065
Scholarship Fund Balances	106,296	75,927
TOTAL	$ 1,726,446	$ 1,976,143
Auxiliaries		
Accrued Payroll	$ 51,474	$ 33,829
Vouchers Payable	86,697	124,376
Fund Balances	3,091,104	1,863,681
TOTAL	$ 3,229,275	$ 2,021,886
TOTAL CURRENT FUNDS	$ 14,184,248	$ 12,000,439
LOAN FUNDS		
Deferred Revenue	$ -0-	$ 6,204
Vouchers Payable	-0-	-0-
Institutional Loan Fund Balances	737,985	724,551
Federal Loan Fund Balances	6,269,840	6,158,613
TOTAL	$ 7,007,825	$ 6,889,368
ENDOWMENT AND SIMILAR FUNDS (NOTE 7)		
Endowment Fund Balances	$ 35,421	$ 35,421
Quasi Endowment Fund Balances - Unrestricted	1,793,277	2,170,119
Quasi Endowment Fund Balances - Restricted	106,175	38,378
TOTAL	$ 1,934,873	$ 2,243,918
PLANT FUNDS		
Vouchers Payable	$ 135,074	$ 383,917
Due to Other Funds	-0-	36,850
Bonds Payable (Note 5)	8,401,000	8,718,000
Deferred Revenue	-0-	-0-
Unexpended Plant Fund Balances	(56,653)	73,810
Debt Service Fund Balances	2,082,899	1,933,491
Net Investment in Plant	105,203,836	99,051,763
TOTAL	$115,766,156	$110,197,831
AGENCY FUNDS		
Deferred Revenue	$ -0-	$ 12,605
Accrued Payroll	22,762	23,673
Accounts Payable	754,331	43,077
Withholding Payable	-0-	558,876
Balances Held in Trust	2,793,238	476,091
TOTAL	$ 3,570,331	$ 1,114,322

COMPARATIVE STATEMENT OF CURRENT FUNDS, REVENUES, EXPENDITURES, AND OTHER CHANGES
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Exhibit B

REVENUES	UNRESTRICTED	AUXILIARIES	RESTRICTED	TOTAL	PRIOR YEAR TOTAL
Tuition and Fees	$ 8,940,169	$ -0-	$ -0-	$ 8,940,169	$ 6,318,633
Federal Appropriations	5,590,580	-0-	-0-	5,590,580	4,836,828
State Appropriations	38,664,836	-0-	-0-	38,664,836	34,094,582
Federal Grants and Contracts	147,214	73,908	5,685,218	5,906,340	4,701,510
State Grants and Contracts	189,051	-0-	394,001	583,052	781,620
Other Gifts, Grants, and Contracts	422,077	165,000	1,854,746	2,441,823	2,484,671
Endowment Income	883,105	24,872	-0-	907,977	967,047
Sales and Services	4,547,785	10,565,661	-0-	15,113,446	13,757,666
Miscellaneous Other Sources	371,060	-0-	-0-	371,060	303,346
TOTAL CURRENT REVENUES	$59,755,877	$10,829,441	$ 7,933,965	$78,519,283	$68,245,903
EXPENDITURES AND MANDATORY TRANSFERS					
Education and General					
Instruction and Departmental Research	$17,266,067	$ -0-	$ 235,657	$17,501,724	$16,722,722
Public Service	7,480,250	-0-	273,618	7,753,868	7,806,414
Organized Research	13,240,554	-0-	4,028,520	17,269,074	18,087,086
Academic Support	3,598,096	-0-	207,065	3,805,161	3,873,802
Student Services	1,792,866	-0-	421,321	2,214,187	2,092,475
Institutional Support	4,552,228	-0-	53,082	4,605,310	3,631,143
Physical Plant	6,124,336	-0-	9,011	6,133,347	5,612,720
Scholarships and Fellowships	2,355,143	-0-	2,705,691	5,060,834	834,818
TOTAL EDUCATIONAL AND GENERAL EXPENDITURES	$56,409,540	$ -0-	$ 7,933,965	$64,343,505	$58,661,180
Mandatory Transfers for:					
Loan Fund Matching	$ 7,823	$ -0-	$ -0-	$ 7,823	$ 3,208
Principal and Interest	56,497	-0-	-0-	56,497	58,394
Auxiliary Enterprises					
Expenditures	$ -0-	$ 9,147,973	$ -0-	$ 9,147,973	$ 9,417,007
Mandatory Transfers for:					
Principal and Interest	-0-	690,282	-0-	690,282	679,533
TOTAL AUXILIARY ENTERPRISES	$ -0-	$ 9,838,255	$ -0-	$ 9,838,255	$10,096,540
TOTAL EXPENDITURES AND MANDATORY TRANSFERS	$56,473,860	$ 9,838,255	$ 7,933,965	$74,246,080	$68,819,322
OTHER TRANSFERS AND ADDITIONS (DEDUCTIONS)					
Excess of Restricted Receipts over Transfers to Accounts	$ -0-	$ -0-	$ 329,262	$ 329,262	$ (594,108)
Refunded to Grantors	(6,236)	-0-	(5,840)	(12,076)	(55,441)
Transfers to State Treasurer	-0-	-0-	-0-	-0-	-0-
Interfund Transfers In (Out)	(565,668)	92,881	18,614	(454,173)	(621,768)
Other Additions (Deductions)	290,364	-0-	15,100	305,464	834,184
NET INCREASE (DECREASE) IN FUND BALANCES	$ 3,000,477	$ 1,084,067	$ 357,136	$ 4,441,680	$(1,010,552)

STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Exhibit C

	CURRENT FUNDS					PLANT FUNDS		
REVENUES AND OTHER ADDITIONS	UNRESTRICTED	AUXILIARIES	RESTRICTED	LOAN FUNDS	ENDOWMENT FUNDS	UNEXPENDED	DEBT SERVICE	INVESTMENT IN PLANT
Unrestricted Current Fund Revenues	$ 59,555,877	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
State Appropriations	-0-	-0-	-0-	-0-	-0-	3,042,465	-0-	-0-
State Grants and Contracts	-0-	-0-	357,053	7,239	-0-	-0-	-0-	-0-
Federal Grants and Contracts	-0-	-0-	5,872,019	70,400	-0-	-0-	-0-	-0-
Private Grants and Contracts	-0-	-0-	1,666,134	-0-	-0-	-0-	-0-	-0-
Gifts	-0-	-0-	280,276	1,021	-0-	345,812	-0-	133,332
Sales and Services	-0-	-0-	30,141	-0-	-0-	-0-	-0-	-0-
Tuition and Fees	-0-	-0-	6,660	-0-	-0-	-0-	-0-	-0-
Miscellaneous Income	-0-	-0-	41,747	-0-	-0-	-0-	-0-	-0-
Interest Income	-0-	-0-	9,197	112,630	16,564	-0-	222,311	-0-
Auxiliary Enterprises Revenues	-0-	10,829,441	-0-	-0-	-0-	-0-	-0-	-0-
Debt Retirement	-0-	-0-	-0-	-0-	-0-	-0-	-0-	317,000
Expended for Plant Facilities	-0-	-0-	-0-	-0-	-0-	-0-	-0-	6,178,079
Cancellation Reimbursements 6-1-72 and After	-0-	-0-	-0-	19,263	-0-	-0-	-0-	-0-
Realized Bond Sale Income	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Special Student Fee Assessment	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Other Additions	39,204	-0-	15,916	-0-	5,000	-0-	-0-	-0-
Indirect Cost Reimbursements	-0-	-0-	11,415	-0-	-0-	-0-	-0-	-0-
TOTAL REVENUES AND OTHER ADDITIONS	$ 59,595,081	$ 10,829,441	$ 8,290,558	$ 210,553	$ 21,564	$ 3,388,277	$ 222,311	$ 6,628,411
EXPENDITURES AND OTHER ADDITIONS								
Education and General Expenditures	$ 56,125,497	$ -0-	$ 7,933,965	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprises Expenditures	-0-	9,147,973	-0-	-0-	-0-	-0-	-0-	-0-
Endowment Fund Expenditures	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Investments Cashed	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Bonds Retired	-0-	-0-	-0-	-0-	-0-	-0-	317,000	-0-
Interest Expense	-0-	-0-	-0-	-0-	-0-	-0-	399,673	-0-
Trustee Fees	-0-	-0-	-0-	-0-	-0-	-0-	7,682	-0-
Expended for Plant Facilities	-0-	-0-	-0-	-0-	-0-	4,390,118	-0-	-0-
Building Deletions	-0-	-0-	-0-	-0-	-0-	-0-	-0-	114,628
Equipment Deletions	-0-	-0-	-0-	-0-	-0-	-0-	-0-	359,656
Nursing Service Cancellations	-0-	-0-	-0-	7,240	-0-	-0-	-0-	-0-
Teacher Cancellations	-0-	-0-	-0-	20,583	-0-	-0-	-0-	-0-
Death Cancellations	-0-	-0-	-0-	8,894	-0-	-0-	-0-	-0-

STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Exhibit C

	CURRENT FUNDS					PLANT FUNDS		
EXPENDITURES AND OTHER DEDUCTIONS	UNRESTRICTED	AUXILIARIES	RESTRICTED	LOAN FUNDS	ENDOWMENT FUNDS	UNEXPENDED	DEBT SERVICE	INVESTMENT IN PLANT
Bad Debt Write-offs	$ -0-	$ -0-	$ -0-	$ 2,013	$ -0-	$ -0-	$ -0-	$ -0-
Investments Cashed	-0-	-0-	-0-	-0-	17,730	-0-	-0-	-0-
Bankruptcy Cancellations	-0-	-0-	-0-	5,718	-0-	-0-	-0-	-0-
Military Cancellations	-0-	-0-	-0-	600	-0-	-0-	-0-	-0-
Disability Cancellations	-0-	-0-	-0-	2,450	-0-	-0-	-0-	-0-
Expense Reimbursements	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Collection Expense	-0-	-0-	-0-	23,042	-0-	-0-	-0-	-0-
Uncollectible Non-Federal Loans	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Other Deductions	32,883	-0-	12,231	-0-	-0-	-0-	-0-	-0-
Administrative Expense	-0-	-0-	-0-	15,352	-0-	-0-	-0-	-0-
Refunds to Grantors	6,236	-0-	5,840	-0-	-0-	-0-	-0-	-0-
TOTAL EXPENDITURES AND OTHER DEDUCTIONS	$ 56,164,616	$ 9,147,973	$ 7,952,036	$ 85,892	$ 17,730	$ 4,390,118	$ 724,355	$ 474,284
TRANSFERS AMONG FUNDS								
Loan Fund Matching	$ (7,823)	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Mandatory								
Principal and Interest Expended from Current General Funds	(56,497)	(690,282)	-0-	-0-	-0-	-0-	746,779	-0-
Interfund Transfers	(565,668)	92,881	18,614	-0-	(321,878)	871,378	(95,327)	-0-
TOTAL TRANSFERS	$ (629,988)	$ (597,401)	$ 18,614	$ -0-	$ (321,878)	$ 871,378	$ 651,452	$ -0-
Net Increase (Decrease)	$ 2,800,477	$ 1,084,067	$ 357,136	$ 124,661	$ (318,044)	$ (130,463)	$ 149,408	$ 6,154,127
Fund Balances 7-1-82	5,188,687	2,007,037	1,180,992	6,883,164	2,243,917	73,810	1,933,491	99,051,764
Equity Adjustments	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Fund Balances 6-30-83	7,989,164	3,091,104	1,538,128	7,007,825	1,925,873	(56,653)	2,082,899	105,205,891

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Schedule S-1

NORTH DAKOTA STATE UNIVERSITY

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$44,771,009	$ (700,016)	$20,898,353	$22,642,910	$ 529,730
Operating Expenses	13,768,349	(304,000)	6,230,682	7,192,710	40,957
Equipment	1,362,413	-0-	695,635	665,109	1,669
Plant Improvements	2,990,719	(60,000)	1,508,816	1,421,903	-0-
TOTAL	$62,892,490	$(1,064,016)	$29,333,486	$31,922,632	$ 572,356

Note 1: Appropriations consist of $10,950,401 estimated income and $51,942,089 from General Funds.
Note 2: EEC $350,000 adjustment approved 2/4/82.
Note 3: EEC $100,000 flood repairs approved 7/29/81.
Note 4: General Fund reductions approved 8/23/82.

UPPER GREAT PLAINS TRANSPORTATION INSTITUTE

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 446,064	$ -0-	$ 183,456	$ 171,165	$ 91,443
Operating Expenses	122,382	-0-	50,212	61,129	11,041
Equipment	7,900	-0-	3,959	3,941	-0-
TOTAL	$ 576,346	$ -0-	$ 237,627	$ 236,235	$ 102,484

Note 1: Appropriations consist of $228,800 estimated income and $347,546 from General Funds.

TOXICOLOGY LAB

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 387,073	$ (7,483)	$ 171,669	$ 171,143	$ 36,778
Operating Expenses	90,017	-0-	43,301	46,715	1
Equipment	19,800	-0-	1,946	17,854	-0-
TOTAL	$ 496,890	$ (7,483)	$ 216,916	$ 235,712	$ 36,779

Note 1: Appropriations consist of $216,673 estimated income and $280,217 from General Funds.
Note 2: General Fund reductions approved 8/23/82.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Schedule S-1

EXTENSION DIVISION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 5,929,943	$ (186,961)	$ 3,136,246	$ 2,569,861	$ 36,875
Operating Expenses	465,822	-0-	209,662	273,922	(17,762)
Equipment	225,819	-0-	96,235	37,298	92,286
TOTAL	$ 6,621,584	$ (186,961)	$ 3,442,143	$ 2,881,081	$ 111,399

Note 1: Appropriations consist of $10,430,972 estimated income and $6,621,584 from General Funds.
Note 2: Estimated Income includes $3,692,807 County Agent Salary Funds distributed at the County level.
Note 3: General Fund reductions approved 8/23/82.

MAIN EXPERIMENT STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$22,371,763	$ (605,588)	$ 8,253,596	$ 8,316,855	$ 5,195,724
Operating Expenses	4,796,347	(186,000)	2,018,847	1,882,449	709,051
Equipment	1,283,135	(107,000)	510,918	251,850	413,367
Capital Improvements	1,435,160	-0-	749,833	582,875	102,452
TOTAL	$29,886,405	$ (898,588)	$11,533,194	$11,034,029	$ 6,420,594

Note 1: Appropriations consist of $11,838,311 estimated income and $18,048,094 from General Funds.
Note 2: General Fund reductions approved 8/23/82.

EXTENSION DIVISION SPECIAL NUTRITION PROGRAM

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 607,507	$ -0-	$ 295,824	$ 287,254	$ 24,429
Operating Expenses	48,100	-0-	40,384	32,121	(24,405)
Equipment	500	-0-	124	1,261	(885)
TOTAL	$ 656,107	$ -0-	$ 336,332	$ 320,636	$ (861)

Note 1: All Appropriations consist of Federal Funds.

EXTENSION DIVISION ENERGY SERVICE

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 396,398	$ -0-	$ 180,555	$ 125,686	$ 90,157
Operating Expenses	97,368	-0-	62,820	10,499	24,049
Equipment	2,500	-0-	2,212	460	(172)
TOTAL	$ 496,266	$ -0-	$ 245,587	$ 136,645	$ 114,034

Note 1: All Appropriations consist of Federal Funds.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Schedule S-1

DICKINSON BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 556,335	$ (10,702)	$ 266,591	$ 273,968	$ 5,074
Operating Expenses	269,932	50,000	183,545	135,441	946
Equipment	82,400	(10,000)	48,493	15,466	8,441
Capital Improvements	25,477	-0-	3,583	21,894	-0-
TOTAL	$ 934,144	$ 29,298	$ 502,212	$ 446,769	$ 14,461

Note 1: Appropriations consist of $125,000 estimated income and $809,144 from General Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 10/4/82.
Note 4: EEC Authorization 5/10/83.

CENTRAL GRASSLANDS BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 196,153	$ (17,818)	$ 80,196	$ 94,548	$ 3,591
Operating Expenses	141,593	40,446	98,366	79,679	3,994
Equipment	225,000	12,500	223,121	12,831	1,548
TOTAL	$ 562,746	$ 35,128	$ 401,683	$ 187,058	$ 9,133

Note 1: Appropriations consist of $50,000 estimated income and $512,746 from General Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 11/29/82.
Note 4: EEC Authorization 2/25/83.
Note 5: EEC Authorization 5/20/83.

HETTINGER BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 173,070	$ (6,828)	$ 79,774	$ 86,372	$ 96
Operating Expenses	100,757	24,500	67,608	57,648	1
Equipment	57,335	(21,000)	31,668	4,653	14
Capital Improvements	47,600	-0-	47,400	200	-0-
TOTAL	$ 378,762	$ (3,328)	$ 226,450	$ 148,873	$ 111

Note 1: Appropriations consist of $75,000 estimated income and $303,762 from General Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 4/27/83.
Note 4: EEC Authorization 11/29/82.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Schedule S-1

LANGDON BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 204,850	$ (19,340)	$ 97,186	$ 87,844	$ 480
Operating Expenses	81,543	12,800	54,321	39,913	109
Equipment	40,042	2,600	35,061	6,500	1,081
Capital Improvements	40,000	-0-	34,728	5,272	-0-
TOTAL	$ 366,435	$ (3,940)	$ 221,296	$ 139,529	$ 1,670

Note 1: Appropriations consist of $40,000 estimated income and $326,435 from General Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 5/10/83.

NORTH CENTRAL BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 295,879	$ (10,297)	$ 136,210	$ 144,356	$ 5,016
Operating Expenses	157,370	5,007	77,302	84,782	293
Equipment	49,606	(400)	34,519	14,513	174
Capital Improvements	85,500	-0-	53,456	32,044	-0-
TOTAL	$ 588,355	$ (5,690)	$ 301,487	$ 275,695	$ 5,483

Note 1: Appropriations consist of $217,606 estimated income and $370,749 from General Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 6/30/83.

WILLISTON BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 328,546	$ (10,321)	$ 151,500	$ 166,049	$ 676
Operating Expenses	105,157	4,995	54,015	56,019	118
Equipment	48,900	(995)	32,887	15,017	1
Capital Improvements	46,500	-0-	38,543	7,957	-0-
TOTAL	$ 529,103	$ (6,321)	$ 276,945	$ 245,042	$ 795

Note 1: Appropriations consist of $60,000 estimated income and $469,103 from Current Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 5/20/83.
Note 4: EEC Authorization 6/30/83.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Schedule S-1

CARRINGTON BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 540,698	$ (64,399)	$ 227,989	$ 241,147	$ 7,163
Operating Expenses	333,319	7,000	158,588	180,930	801
Equipment	90,900	47,000	80,173	57,727	-0-
Capital Improvements	30,000	-0-	30,000	-0-	-0-
TOTAL	$ 994,917	$ (10,399)	$ 496,750	$ 479,804	$ 7,964

Note 1: Appropriations consist of $291,600 estimated income and $703,317 from General Funds.
Note 2: General Fund reductions approved 8/23/82.
Note 3: EEC Authorization 5/10/83.
Note 4: EEC Authorization 6/30/83.

AGRONOMY SEED FARM BRANCH STATION

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ 177,751	$ (15,000)	$ 76,169	$ 77,458	$ 9,124
Operating Expenses	297,686	15,000	138,812	173,843	31
Equipment	120,000	-0-	83,596	36,229	175
TOTAL	$ 595,437	$ -0-	$ 298,577	$ 287,530	$ 9,330

Note 1: Appropriations consist of $595,437 estimated income.
Note 2: EEC Authorization 5/20/83.
Note 3: EEC Authorization 6/30/83.

ANIMAL REPLACEMENT CENTER

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Livestock	300,000	-0-	2,750	3,698	293,552
TOTAL	$ 300,000	$ -0-	$ 2,750	$ 3,698	$ 293,552

Note 1: Appropriations consist of $300,000 estimated income from livestock sales.

STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

North Dakota State University, Fargo, North Dakota

Schedule S-1

NORTHERN CROPS INSTITUTE

OBJECT	1981-83 APPROPRIATIONS	TRANSFERS	FY 1982 DISBURSEMENTS	FY 1983 DISBURSEMENTS	BALANCE 6-30-83
Salaries and Wages	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Operating Expenses	100,000	-0-	4,713	12,774	82,513
Equipment	200,000	-0-	-0-	42,513	157,487
TOTAL	$ 300,000	$ -0-	$ 4,713	$ 55,287	$ 240,000

Note 1: Appropriations consist of $240,000 estimated income and $60,000 from General Funds.

MINOT STATE COLLEGE
Minot, North Dakota

BIENNIAL REPORT

July 1, 1981 - June 30, 1983

A. FUNCTION:

1. The institution which was to become Minot State College was founded as a two-year normal school by legislative enactment in 1913. Four years of college work and a name change to Minot State Teachers College were authorized in 1924. The name changed to Minot State College in 1964. In 1983 the legislature authorized the name change from Minot State College to Dakota Northwestern University to be affective July 1, 1983, the name change has been referred. The issue will appear on the primary ballot June 12, 1984. Authorization was given in 1964 for a degree in medical technology and master of science in speech and hearing. This signaled the beginning of expansion beyond the single purpose of teacher education. At present, programs through the master's level are offered in seven areas: speech and language patholocy, audiology, learning disabilities, education of the deaf, elementary education, mental retardation, special education (severly multi-handicapped). During the biennium the instituion hasauthorized majors in computer science and accounting, in addition, programs in the areas of business, nursing and health management sciences, criminal justice, social work, computer and computer competencies have been establised and are being strengthened. During the last few years, more than half of the graduates have been in areas other then teaching.

   Beginning in the mid-forties when the college was authorized to grant arts degrees and through the early sixties with the addition of specific career-oriented curricula, the instituion was evolved from a teacher's college to a regional college responsive to the diverse needs of its service area.

2. New activities include - Minot State College/University of North Dakota Master of Education in Elementary Education and Minot State College/Tri College University Master's Degree in Educational Administration.

3. No activities were deleted.

4. A. Major Goals of the instituion:

   1. Professional education for health science, business, audiology and language pathology, criminal justice, social work and broadcasting.

   2. Professional education for teachers in elementary and secondary schools.

   3. Liberal arts education leading to the bachelor of arts degrees in several academic disciplines.

   4. Pre-professional education in the form of course offerings which enable the student to transfer to professional schools of dentistry, medicine, law, engineering, optometry, home economics, mcrturary, science, physical therapists, clergymen, chiroparctors and others.

5. Graduate programs in audiology, education of the deaf, education of the mentally retarded, learning disabilities, speech and language pathology, special education (severly multi-handicapped) leading to the master of science degree and elementary education.

6. Vocational technical education of one or two years duration for secretarial personnel and other areasas demand indicates.

7. Continuing education provided by the extension division of the college, which enables many citizens of the area to continue their college education, to participate in seminars and short courses and to receive more vocational training without leaving their home areas.

8. Efforts are being exerted by the college to become a university to meet the needs of western North Dakota.

9. Community service.

B. Programs Designed to Meet Goals:

1. Master of Science in Audiology
2. Master of Science in Education of the Deaf
3. Master of Science in Learning Disabilities
4. Master of Science in Mental Retardation
5. Master of Science in Speech and Language Pathology
6. Master of Science in Special Education
7. Masters degree in cooperation with the Tri College University
8. Masters degree in cooperation with the University of North Dakota
9. Bachelor of Science for prospective elementary school teachers
10. Bachelor of Science for prospective high school teachers
11. Bachelor of Science in Criminal Justice
12. Bachelor of Science in Medical Technology
13. Bachelor of Science in Radiologic Technology
14. Bachelor of Science in Nursing
15. Bachelor of Social Work
16. Bachelor of College Studies
17. Bachelor of Arts for those who desire a college degree in liberal arts without professional teacher qualifications
18. Bachelor of Arts in Broadcasting
19. Diploma in nursing in cooperation with Trinity Medical Center School of Nursing in Minot
20. Associate of Arts in Criminal Justice
21. Associate of Arts in Management
22. Associate of Arts in Pre-Wildlife Studies
23. Associate of Arts in Broadcasting
24. Associate of Science in Secretarial Science
25. Associate of Science in Accounting
26. Associate of Arts in Pre-Engineering Studies
27. One-year and two-year business curricula for stenographers, office workers and secretaries
28. Pre-professional curricula for prospective home economics teachers, dentists, lawyers, engineers, optometrists, morticians, library science personnel, physical therapists, clergymen, chiropractors and others who will transfer after one or two years to complete their education in these special fields at other colleges or universities

29. General college curriculm for those who have not as yet selected a specific curriculum or who desire general college work of less than four years.

30. Master of Science inElementary Education

B. EVALUATION:

1. Summary of the accomplishments, results, changes and activities

a. ENROLLMENT - As the report indicates, enrollment has increased to a headcount of over 2700 students. The mix of students evidences changes in two directions. The number of older students beyond 25 years old, and the number of women and other minorities has increased steadily. The present mix of students is 69% women and 31% mne. In addition, the programs chosen by the students are increasing in business, computer, energy, health professions, social work and remaining stable to small declines in the other areas.

b. CURRICULUM - Quality development leading to accreditation was successful in music which is now accredited by the National Association of Schools of Music. The Social Work program was accredited during the 1980-81 academic year and was reaffirmed Fall of 1983. The Speech and Language Pathology program was accredited. The Division of Nursing and Health Management Sciences was accredited in 1981.

c. NEW CONSTRUCTION - Pioneer Hall remodeling was completed which provided 40 married student apartments. The new physical education complex was being utilized during the summer of 1980. A new coal-fired powerhouse is completed and became operational January 1, 1983. Completed a new entrance including an elevator for the Student Union. Creation of a 30 unit student housing facility got underway in the summer of 1983, completion is set for 1984.

d. PLANNING - Minot State joined wholeheardtedly in the coordinated state planning for higher education as outlined by the Commissioner and approved by the Board of Higher Education. Results from these efforts are on file and are providing information and direction for institution long-range strategies.

2. Problems and furture directions

a. FUTURE DIRECTIONS - Again, the state-wide planning efforts are provided facts and information which are administrative decisions. A wide spectrum of people raised issues about the future which are now being addressed.

1. Students, alumni, friends, regents and others will continue to strive to attain university status for Minot State College.
2. New program ideas include majors in addiction counseling, geology, music therapy for the handicapped, physical therapy.
3. How to move education from the campus to wherever people are. For example, classrooms in shopping centers, weekend college, etc.

4. Continue efforts to secure funding for renovation, seek funding for a new fine arts facility and seek funding for a new library.

b. PROBLEMS - The main problem areas will center around these items.

1. Adequate and competitive compensation for college staff.
2. Limited growth - so staff renewal and updating are a necessity.
3. Library space and materials.
4. Upkeep and remodleing of physical facilities.
5. Class room space for the Arts, Business, Special Education and for Social Science.

c. SHORT AND LONG RANGE PLANS -

1. Continue with plans for a new art facility.
2. Continue with planned efforts to build a new library.
3. Continue with our efforts to adapt physical facilities to meet the needs of the handicapped.
4. Strive to eliminate asbestos applications in our buildings.
5. To continue to update our planning documnet. The original document involved input from approximately 500 persons from the aera we serve.
6. Will continue to strive to attain university for Minot State College.

ENROLLMENT REPORT BY CLASSES (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Freshmen	1172	1148
Sophomores	477	481
Juniors	407	481
Seniors	387	484
Graduates	63	53
Special or Unclassifed	7	64
Totals	2513	2711
Extension	866	591

ENROLLMENT REPORT BY CURRICULA (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
By College or Major Subject Area		
Art	38	42
Business Administration	671	684
Business Education	24	67
Computer Science	50	111
Elementary Education	177	204
Humanities	76	85
Math	29	26
Music	65	55
Nursing	168	179
Physical Education	74	98
Science	162	185
Social Science	197	234
Special Education	203	221
Speical/Unclassified	579	520
Totals	2513	2711

EXHIBIT A

MINOT STATE COLLEGE
BALANCE SHEET
JUNE 30, 1983
WITH COMPARATIVE FIGURES AT JUNE 30, 1982

ASSETS	CURRENT YEAR	PRIOR YEAR
Current Funds:		
Unrestricted:		
Cash	$ 528,949.15	$ 316,704.04
Investments	102,000.00	52,000.00
Appropriation Receivable	1,593,848.98	-0-
Accounts Receivable	40,367.42	74,682.23
Total	$ 2,265,165.55	$ 443,386.27
Auxiliaries:		
Cash	$ 579,739.79	$ 360,080.91
Investments	425,889.08	375,889.08
Accounts Receivable	17,461.10	20,852.83
Creditor Accts w/Debit Bal.	48,381.96	40,571.39
Inventories	347,180.62	372,171.66
Total	$ 1,418,652.55	$ 1,169,565.87
Restricted:		
Cash	$ 183,563.73	$ 170,994.68
Investments	42,042.13	19,964.14
Receivable from Agencies	123,634.21	94,954.05
Receivable from Other Funds	2,051.86	17,332.61
Total	$ 351,291.93	$ 303,245.48
Total Current Funds	$ 4,035,110.03	$ 1,916,197.62
Loan Funds:		
Cash	$ 194,073.55	$ 237,052.85
Investments	121,489.02	121,500.00
Notes Receivable	1,543,413.07	1,440,975.73
Deposits w/ USAF	26,000.00	26,000.00
Receivable from Institution	-0-	2,490.00
Total	$ 1,884,975.64	$ 1,828,018.58
Endowment Funds:		
Cash	$ 2,718.21	$ 8,086.31
Investments	330,553,94	278,429.40
Total	$ 333,272.15	$ 286,515.71
Plant Funds:		
Cash	$ 11,485.49	$ 41,661.56
Investments	503,175.41	465,118.27
Appropriation Receivable	55,413.34	320,645.38
Land & Land Improvements	1,489,561.67	1,489,561.67
Buildings	21,738,089.21	21,330,521.78
Equipment	6,063,131.79	5,841,780.42
Total	$29,860,856.91	$29,489,289.08
Agency Funds:		
Cash	$ 255,870.05	$ 97,346.51
Investments	103,503.41	45,000.00
Total	$ 359,373.46	$ 142,346.51
TOTAL ALL FUNDS:	$36,473,588.19	$33,662,367.50

LIABILITIES & EQUITIES	CURRENT YEAR	PRIOR YEAR
Current Funds:		
Unrestricted:		
Accrued Payroll	$ 44,820.87	$ 20,953.10
Accounts Payable	235,494.89	62,344.10
Due Other Funds	-0-	2,490.00
Fund Balance	1,984,849.79	357,599.07
Total	$ 2,265,165.55	$ 443,386.27
Auxiliaries:		
Accrued Payroll	$ 7,139.13	$ 6,514.62
Accounts Payable	23,215.12	26,562.96
Sales Tax Payable	4,266.65	2,583.38
Deferred Revenue	-0-	40,612.99
Fund Balance	1,384,031.65	1,093,291.92
Total	$ 1,418,652.55	$ 1,169,565.87
Restricted:		
Accrued Payroll	$ 2,331.30	$ 5,703.24
Accounts Payable	6,333.03	2,440.33
Fund Balance	342,627.60	295,101.91
Total	$ 351,291.93	$ 303,245.48
Total Current Funds	$ 4,035,110.03	$ 1,916,197.62
Loan Funds:		
Institutional Loan Funds	$ 26,349.94	$ 27,046.46
NDSL Loan Funds	1,688,181.28	1,626,666.35
Health Professional Loan Funds	144,444.42	148,305.77
United Student Aid Fund	26,000.00	26,000.00
Total	$ 1,884,975.64	$ 1,828,018.58
Endowment Funds:		
Fund Balance	$ 333,272.15	$ 286,515.71
Total	$ 333,272.15	$ 286,515.71
Plant Funds:		
Accounts Payable	$ 39,065.37	$ 113,138.61
Retainage Payable	30,000.00	134,912.36
Bonds Payable	2,241,000.00	2,308,000.00
Unexpended Fund Balance	(23,935.17)	85,879.00
Debt Service Fund Balance	524,944.04	493,495.24
Investment in Plant	27,049,782.67	26,353,863.87
Total	$29,860,856.91	$29,489,289.08
Agency Funds:		
Payroll Taxes Payable	$ 195,996.96	$ 11,249.88
Accounts Payable	1,747.78	210.00
Deposits Held for Others	161,628.72	130,876.63
Total	$ 359,373.46	$ 142,346.51
	$36,473,588.19	$33,662,367.50

EXHIBIT A

MINOT STATE COLLEGE
BALANCE SHEET
JUNE 30, 1982
WITH COMPARATIVE FIGURES AT JUNE 30, 1981

ASSETS	CURRENT YEAR	PRIOR YEAR
Current Funds:		
Unrestricted		
Cash	$ 316,704.04	$ 318,305.16
Investments	52,000.00	52,000.00
Appropriation Receivable		348,733.94
Accounts Receivable	74,682.23	
Total	$ 443,386.27	$ 719,039.10
Auxiliaries:		
Cash	$ 360,080.91	$ 350,938.82
Investments	375,889.08	310,770.47
Accounts Receivable	20,852.83	30,826.06
Creditor Accounts w/Debit Balance	40,571.39	33,771.20
Inventories	372,171.66	346,864.49
Total	$ 1,169,565.87	$ 1,073,171.04
Restricted:		
Cash	$ 170,994.68	$ 63,476.88
Investments	19,964.14	9,000.00
Receivable From Agencies	95,954.05	130,882.51
Receivable From Other Funds	17,332.61	87,073.88
Total	$ 304,245.48	$ 290,433.27
Total Current Funds	$ 1,916,197.62	$ 2,082,643.41
Loan Funds:		
Cash	$ 237,052.85	$ 134,148.07
Investments	121,500.00	121,500.00
Notes Receivable	1,440,975.73	1,366,304.39
Deposited With United Student Aid Fund	26,000.00	26,000.00
Receivable From MSC	2,490.00	
Total	$ 1,828,018.58	$ 1,647,952.46
Endowment Funds:		
Cash	$ 8,086.31	$ 3,754.25
Investments	278,429.40	246,401.95
Total	$ 286,515.71	
Plant Funds:		
Cash	$ 41,661.56	$ 21,123.60
Investments	465,118.27	444,206.16
Appropriations Receivable	320,645.38	861,242.56
Land, Buildings, & Equip.	28,661,863.87	24,969,516.74
Total	$29,489,289.08	$26,296,089.06
Agency Funds:		
Cash	$ 97,346.51	$ 53,792.48
Investments	45,000.00	45,000.00
Total	$ 142,346.51	$ 98,792.48
TOTAL ALL FUNDS	$33,662,367.50	$30,375,633.61

LIABILITIES & EQUITIES	CURRENT YEAR	PRIOR YEAR
Current Funds:		
Unrestricted		
Accrued Payroll	$ 20,953.10	$ 22,589.22
Accounts Payable	62,344.10	104,982.59
Due Other Funds	2,490.00	
Fund Balance	357,599.07	591,467.29
Total	$ 443,386.27	$ 719,039.10
Auxiliaries:		
Accrued Payroll	$ 6,514.62	$ 8,003.78
Accounts Payable	26,562.96	38,685.14
Salestax Payable	2,583.38	2,551.32
Deferred Revenue	40,612.99	
Fund Balance	1,093,291.92	1,023,930.80
Total	$ 1,169,565.87	$ 1,073,171.04
Restricted:		
Accrued Payroll	$ 5,703.24	$ 3,118.52
Accounts Payable	2,440.33	3,362.00
Fund Balance	295,101.91	283,952.75
Total	$ 303,245.48	$ 290,433.27
Total Current Funds	$ 1,916,197.62	$ 2,082,643.41
Loan Funds:		
Institutional Loan Funds	$ 27,046.46	$ 27,885.22
National Direct Loan Fund	1,626,666.35	1,440,060.35
Health Professions Loan Fund	148,305.77	154,006.89
United Student Aid Fund	26,000.00	26,000.00
Total	$ 1,828,018.58	$ 1,647,952.46
Endowment Funds:		
Fund Balance	$ 286,515.71	$ 250,156.20
Total	$ 286,515.71	$ 250,156.20
Plant Funds:		
Accounts Payable	$ 113,138.61	$ 7,256.72
Retainage Payable	134,912.36	7,825.55
Bonds Payable	2,308,000.00	2,373,000.00
Unexpended Fund Balance	85,879.00	849,151.52
Debt Service Fund Balance	493,495.24	462,338.53
Investments in Plant	26,353,863.87	22,596,516.74
Total	$29,489,289.08	$26,296,089.06
Agency Funds:		
Payroll Taxes Payable	$ 11,259.88	$ 10,381.63
Accounts Payable	210.00	916.52
Deposits Held For Others	130,876.63	87,494.33
Total	$ 142,346.51	$ 98,792.48
TOTAL ALL FUNDS	$33,662,367.50	$30,375,633.61

EXHIBIT B

MINOT STATE COLLEGE
STATEMENT OF CURRENT FUNDS REVENUE, EXPENDITURES AND OTHER CHANGES
FOR YEAR ENDED JUNE 30, 1983

	CURRENT UNRESTRICTED	RESTRICTED	TOTAL	PRIOR YEAR TOTAL
Revenues				
Tuition & Fees	$ 2,004,504.03	$ -0-	$ 2,004,504.03	$ 1,912,944.63
State Appropriations	6,346,957.07	-0-	6,346,957.07	5,243,407.39
Federal Grants & Contracts	-0-	977,366.35	977,366.35	997,361.29
Other Grants & Contracts	-0-	122,527.09	122,527.09	56,049.43
Private Gifts & Grants	-0-	47,039.26	47,039.26	44,289.60
Sales & Services of Educational Depts.	468,758.20	-0-	468,758.20	438,256.16
Sales & Services of Auxiliary Enterprises	2,002,855.20	-0-	2,002,855.20	1,698,211.98
Other Sources	249,455.46	-0-	249,455.46	158,192.89
Total Revenue	$11,072,529.96	$1,146,932.70	$12,219,462.66	$10,548,713.37
Expenditures & Mandatory Transfers				
Education & General				
Instruction	$ 4,969,002.26	$ 114,767.62	$ 5,083,769.88	$ 4,910,446.70
Public Service	66,243.12	11,950.31	78,193.43	54,634.47
Academic Support	798,901.02	111,676.58	910,577.60	810,077.40
Institutional Support	896,166.40	107,745.63	1,003,912.03	780,838.75
Student Services	498,427.03	-0-	498,427.03	496,916.50
Operation of Plant	1,692,519.19	-0-	1,692,519.19	1,302,263.71
Scholarships & Fellowships		800,792.56	800,792.56	833,147.59
Total Expenditures	$ 8,921,259.02	$1,146,932.70	$10,068,191.72	$ 9,188,325.12
Mandatory Transfers For Loan Fund Matching	$ 588.00	$ -0-	$ 588.00	$ -0-
Total Expenditures & Mandatory Transfers	$ 8,921,847.02	1,146,932.70	10,068,779.72	$ 9,188,325.12
Auxiliary Enterprises				
Expenditures	$ 1,622,115.47	$ -0-	$ 1,622,115.47	$ 1,485,841.81
Renewals & Replacements	-0-	-0-	-0-	48,048.45
Mandatory Transfers for Principal & Interest	90,000.00	-0-	90,000.00	95,010.00
Total Auxiliary Enterprises	$ 1,712,115.47	$ -0-	$ 1,712,115.47	$ 1,628,900.26
Total Expenditures & Transfers	$10,633,962.49	$1,146,932.70	$11,780,895.19	$10,817,225.38
Other Transfers & Additions (Deductions)				
Excess of Restricted Receipts Over Revenue	$ -0-	$ 81,708.60	$ 81,708.60	$ 38,361.82
Receivable Increase (Decrease)	-0-	13,399.41	13,399.41	(105,669.73)
Other Additions (Deductions)	1,427,762.12	4,078.54	1,431,840.66	182,461.98
NET INCREASE (DECREASE) IN FUND BALANCE	$ 1,866,329.59	$ 99,186.55	$ 1,965,516.14	($ 153,357.94)

EXHIBIT B

MINOT STATE COLLEGE
STATEMENT OF CURRENT FUNDS REVENUE, EXPENDITURES, AND OTHER CHANGES
FOR YEAR ENDED JUNE 30, 1982

	CURRENT UNRESTRICTED	RESTRICTED	TOTAL	PRIOR YEAR. TOTAL
Revenues				
Tuition & Fees	$1,912,944.63	$ -0-	$1,912,944.63	$1,618,182.48
State Appropriations	5,243,407.39	-0-	5,243,407.39	5,030,561.47
Federal Grants & Contracts	-0-	997,361.29	997,361.29	1,071,490.31
Other Grants & Contracts	-0-	56,049.43	56,049.43	113,333.91
Private Gifts, Grants, & Contracts	-0-	44,289.60	44,289.60	16,142.87
Sales & Services Of Educational Depts.	438,256.16	-0-	438,256.16	446,605.79
Sales & Services Of Auxiliary Enterprises	1,698,211.98	-0-	1,698,211.98	1,559,472.05
Other Sources	158,192.89	-0-	158,192.89	86,662.69
Total Revenue	$9,451,013.05	$1,097,700.32	$10,548,713.37	$9,942,451.57
Expenditures & Mandatory Transfers				
Education & General				
Instruction	$4,776,997.92	$ 133,448.78	$4,910,446.70	$4,480,497.31
Public Service	51,934.93	2,699.54	54,634.47	67,100.76
Academic Support	769,113.00	40,964.40	810,077.40	695,991.02
Institutional Support	693,398.74	87,440.01	780,838.75	645,044.23
Student Services	496,916.50	-0-	496,916.50	443,260.73
Operation Of Plant	1,302,263.71	-0-	1,302,263.71	1,129,336.80
Scholarships & Fellowhships	-0-	833,147.59	833,147.59	870,120.11
Total Expenditures	$8,090,624.80	$1,097,700.32	$9,188,325.12	$8,331,350.96
Mandatory Transfers For Loan Fund Matching	$ -0-	$ -0-	$ -0-	$ 784.91
Total Expenditures & Mandatory Transfers	$8,090,624.80	$1,097,700.32	$9,188,325.12	$8,332,135.87
Auxiliary Enterprises				
Expenditures	$1,485,841.81	$ -0-	$1,485,841.81	$1,404,354.60
Renewals & Replacements	48,048.45	-0-	48,048.45	-0-
Mandatory Transfers For Principal & Interest	95,010.00	-0-	95,010.00	140,000.00
Total Auxiliary Enterprises	$1,628,900.26	$ -0-	$1,628,900.26	$1,544,354.60
Total Expenditures & Transfers	$9,719,525.06	$1,097,700.32	$10,817,225.38	$9,876,490.47
Other Transfers & Additions (Deductions)				
Excess Of Restricted Receipts Over Revenue	$ -0-	$ 38,361.82	$ 38,361.82	$ 127,463.35
Receivable Increase (Decrease)	-0-	(105,669.73)	(105,669.73)	38,438.99
Other Transfers	(2,673.89)	79,105.85	76,431.96	(102,898.41)
Other Additions	117,771.83	(648.78)	117,123.05	(23,333.76)
Other Deductions	(11,093.03)	-0-	(11,093.03)	265,045.66
NET INCREASE (DECREASE) IN FUND BAL.	$ (164,507.10)	$ 11,149.16	$ (153,357.94)	$ 370,676.93

MINOT STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
FOR YEAR ENDED JUNE 30, 1983

Exhibit C

	CURRENT FUNDS		FUND LOANS	ENDOWMENT FUNDS	PLANT		
	UNRESTRICTED	RESTRICTED			UNEXPENDED	RETIREMENT OF DEBT	INVESTMENT IN PLANT
Revenues & Other Additions							
Education & General	$ 9,069,086.76	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprises	2,002,855.20	-0-	-0-	-0-	-0-	-0-	-0-
State Appropriations	-0-	-0-	-0-	-0-	470,555.76	-0-	-0-
Federal Grants & Contracts	-0-	977,366.35	-0-	-0-	-0-	-0-	-0-
Other Grants & Contracts	-0-	122,527.09	-0-	-0-	-0-	-0-	-0-
Private Gifts & Grants	-0-	47,039.26	10.00	28,500.00	50,848.75		
Expended for Plant Facilities	-0-	-0-	-0-	-0-	-0-	-0-	733,107.60
Retirement of Indebtedness	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Interest Income	-0-	-0-	46,362.77	18,277.88	-0-	52,510.13	67,000.00
Institutional Contributions	-0-	-0-	11,412.59	-0-	-0-	-0-	-0-
Federal Contributions	-0-	-0-	53,980.00	-0-	-0-	-0-	-0-
Federal Reimbusement	-0-	-0-	21,141.00	-0-	-0-	-0-	-0-
Oterh Additions	1,440,993.39	358.77	-0-	-0-	30,815.92	38,970.00	
	$ 12,512,935.35	$1,147,291.47	$ 132,906.36	$ 46,777.88	$552,220.43	$ 91,480.13	$800,107.60
Expenditures & Other Deductions							
Education & General Expendditures	$ 8,921,259.02	$1,146,932.70	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Eneterprise Expenditures	1,622,115.47	-0-	-0-	-0-	-0-	-0-	-0-
Loan Cancellations	-0-	-0-	64,332.48	-0-	-0-	-0-	-0-
Administrative Expense	-0-	-0-	9,221.72	-0-	-0-	-0-	-0-
Expended for Plant Facilities	-0-	-0-	-0-	-0-	639,230.60	-0-	-0-
Retirement of Indebtedness	-0-	-0-	-0-	-0-	-0-	67,000.00	-0-
Interest Expense	-0-	-0-	-0-	-0-	-0-	82,606.25	-0-
Plant Equipment Deletions	-0-	-0-	-0-	-0-	-0-	-0-	104,188.78
Other Deductions	23,693.40	-0-	.10	223.44	-0-	425.08	-0-
	$ 10,567,067.89	$1,146,932.70	$ 73,554.30	$ 223.44	$639,230.60	$ 150,031.33	$104,188.78
Transfers & Other Additons Deductions							
Inter Fund Transfers	$ 10,462.13	$ 3,719.77	$ (2,395.00)	$ 202.00	$(22,804.00)	-0-	-0-
Principal & Interest	(90,000.00)	-0-	-0-	-0-	-0-	90,000.00	-0-
Excess of Receipts over Revenue	-0-	81,708.60	-0-	-0-	-0-	-0-	-0-
Increase in Receivables	-0-	13,399.41	-0-	-0-	-0-	-0-	
Net Increase (Decrease)	$ 1,866,329.59	$ 99,186.55	$ 56,957.06	$ 46,756.44	$(109,814.17)	$ 31,448.80	$695,918.82
Beginning Fund Balance	$ 1,502,551.85	$ 243,441.05	$1,828,018.58	$286,515.71	$ 85,879.00	$493,495.24	$26,353,863.87
Ending Fund Balance	$ 3,368,881.44	$ 342,627.60	$1,884,975.64	$333,272.15	$(23,937.17)	$524,944.04	$27,049,782.69

EXHIBIT C

MINOT STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
FOR YEAR ENDED JUNE 30, 1982

	CURRENT FUNDS		FUND	ENDOWMENT	PLANT		
	UNRESTRICTED	RESTRICTED	LOANS	FUNDS	UNEXPENDED	RETIREMENT OF DEBT	INVESTMENT IN PLANT
Revenues & Other Additions							
Education & General	$ 750,149.88	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprises	1,698,211.98	-0-	-0-	-0-	-0-	-0-	-0-
State Appropriations	7,002,651.19	-0-	16,608.00	-0-	2,076,266.28	-0-	-0-
Federal Grants & Contracts	-0-	997,361.29	-0-	-0-	-0-	-0-	-0-
Other Grants & Contracts	-0-	56,049.43	-0-	-0-	-0-	-0-	-0-
Private Gifts & Grants	-0-	44,289.60	-0-	5,251.22	652,802.02	-0-	-0-
Expended For Plant Facilities	-0-	-0-	-0-	-0-	-0-	-0-	3,744,384.74
Retirement Of Indebtedness	-0-	-0-	-0-	-0-	-0-	-0-	65,000.00
Interest Income	-0-	-0-	47,670.18	31,429.28	-0-	50,725.30	-0-
Institutional Contributions	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Federal Contributions	-0-	-0-	189,000.00	-0-	-0-	-0-	-0-
Federal Reimbursement	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Other Additions	117,989.94	-0-	-0-	-0-	36,687.45	35,750.00	-0-
Total Revenue & Other	$9,569,002.99	$1,097,700.32	$ 253,278.18	$ 36,680.50	$2,765,755.75	$ 86,475.30	$3,809,384.74
Expenditures & Other Deductions							
Education & General Expenditures	$8,090,624.80	$1,097,700.32	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprise Expenditures	1,485,841.81	-0-	-0-	-0-	-0-	-0-	-0-
Loan Cancellations	-0-	-0-	52,248.83	-0-	-0-	-0-	-0-
Administrative Expense	-0-	-0-	6,995.40	-0-	-0-	-0-	-0-
Expended For Plant Facilities	-0-	-0-	-0-	-0-	3,577,077.17	-0-	-0-
Retirement Of Indebtedness	-0-	-0-	-0-	-0-	-0-	65,000.00	-0-
Interest Expense	-0-	-0-	-0-	-0-	-0-	84,877.25	-0-
Plant & Equipment Deletions	-0-	-0-	-0-	-0-	-0-	-0-	52,037.61
Other Deductions	1,279.05	-0-	13,967.83	320.99	-0-	451.34	-0-
Total Expenditures & Other Deductions	$9,577,745.66	$1,097,700.32	$ 73,212.06	$ 320.99	$3,577,077.17	$150,328.59	$ 52,037.61
Transfers & Other Additions (Deductions)							
Inter Fund Transfers	$ (50,940.45)	$ 79,105.85	$ -0-	$ -0-	$ 48,048.90	$ -0-	-0-
Principal & Interest	(95,010.00)	-0-	-0-	-0-	-0-	95,010.00	-0-
Excess Of Receipts Over Revenue	-0-	38,361.82	-0-	-0-	-0-	-0-	-0-
Other Additions	-0-	(105,669.73)	-0-	-0-	-0-	-0-	-0-
Other Deductions	(9,813.98)	(648.78)	-0-	-0-	-0-	-0-	-0-
Total	$ (155,764.43)	$ 11,149.16	-0-	$ -0-	$ 48,048.90	$ 95,010.00	$ -0-
Net Increase (Decrease)	$ (164,507.10)	$ 11,149.16	$ 180,066.12	36,359.51	$ (763,272.52)	$ 31,156.71	$3,757,347.13
Beginning Fund Balance	$1,615,398.09	$ 283,952.75	$1,647,952.46	250,156.20	$ 849,151.52	$ 462,338.53	$22,596,516.74
Ending Fund Balance	$1,450,890.99	$ 295,101.91	$1,828,018.58	286,517.71	$ 85,879.00	$ 493,495.24	$26,353,863.87

SCHEDULE S:1

MINOT STATE COLLEGE
STATEMENT OF APPROPRIATIONS
FOR YEAR ENDED JUNE 30, 1983

	1981-1983 APPROPRIATIONS	Additions (DEDUCTIONS)	1981-1982 EXPENDITURES	1982-1983 EXPENDITURES	UNEXPENDED BALANCE
Salaries & Wages	$13,406,407	($ 544,384)	$ 6,044,086	$ 6,342,797	$ 475,140
Operating Expenses	2,938,882	(23,008)	1,193,052	1,680,864	41,958
Equipment	423,000	(59,896)	192,988	170,116	-0-
Capitol Improvements	2,158,000	(109,000)	1,676,266	355,755	16,979
Carry-Over	141,477	-0-	42,097	99,380	-0-
Coal Fired Boiler	700,000	-0-	700,000	-0-	-0-
TOTAL:	$19,767,766	($ 736,288)	$ 9,848,489	$ 8,648,912	$ 534,077

D

SCHEDULE S:1

MINOT STATE COLLEGE
STATEMENT OF APPROPRIATIONS
FOR YEAR ENDED JUNE 30, 1982

	1981-1983 APPROPRIATIONS	Additions (DEDUCTIONS)	1981-1982 EXPENDITURES	UNEXPENDED BALANCE
Salaries & Wages	$13,406,407	$ -0-	$ 6,044,084	$ 7,362,323
Operating Expense	2,938,882	-0-	1,193,079	1,745,803
Equipment	423,000	-0-	192,988	230,012
Capital Improvements	2,158,000	-0-	1,676,266	481,734
Coal Fired Boiler	700,000	-0-	700,000	-0-
Carry-Over Projects	141,477	-0-	42,097	99,380
TOTAL:	$19,767,766	$ -0-	$ 9,848,514	$ 9,919,252

DICKINSON STATE COLLEGE
1981-83 BIENNIAL REPORT

I. FUNCTION

A. MISSION

Dickinson State College served the people of Western North Dakota since its founding in 1918. As regional needs changed, so did the scope of the College - first as a normal school, later as a teachers' college, and now in its mission as a multi-purpose four-year regional college.

It is the mission of Dickinson State College to prepare professional leadership for elementary and secondary education and to serve the educational needs of the region across a spectrum of curricular offerings which will enable students to acquire basic understanding of American social, political and economci institutions, to ready them for the responsibilities of citizenship in a Democracy, and to prepare them for an occupation or profession of their choice and make their contribution to American society.

B. GOALS AND OBJECTIVES

Dickinson State College believes its first task is to develop in students the abilities, the curiosity and the motivation which will enable them to increasingly assume responsibility for their own education. In meeting the challenge of a rapidly changing technological society, the College recognizes a dual purpose: to provide a liberal education designed to produce enlightened, flexible citizens and dynamic leaders; and to provide specialized education to equip the student for the profession of his or her choice.

A liberal education, as it is conceived by the faculty, should provide for all students:

1) Confrontation with essential ideas in the major areas of the humanities, the social sciences, and the natural sciences; and
2) A depth of experience and insight into one major field of study and preparation for continued study if desired.

Dickinson State College also believes that education is a lifelong activity. The college recognizes a commitment to offer extension and outreach programs, workshops and symposiums for the general public, and continuing education opportunities for specific professional groups.

C. PROGRAMS

Dickinson State College offers courses in four schools: Arts and Sciences; Education, Health, Physical Education and Recreation; Business Administration; and Applied Sciences and Technology. Through departments within these schools Dickinson State College awards the following degrees:

1) Bachelor of Science (for elementary, junior high and secondary teachers)
2) Bachelor of Science (non-teaching option for business and industry)
3) Bachelor of Arts
4) Bachelor of College Studies
5) Bachelor of Science in Nursing
6) Associate of Arts (nursing, executive secretary, legal secretary, medical secretary, chemical technology, accounting clerical, college studies, agriculture, and soil conservation technology)

In addition, Dickinson State College offers the following non-degree programs:

1) Pre-professional curricula for students planning to continue their education in areas such as law, medicine, dentistry, veterinary medicine, agriculture, engineering, healthy sciences, and theology

2) Technical and vocational programs including Highway Transportation and Heavy Equipment Operation
3) A one-year program of secretarial training
4) Credit and non-credit workshops, extension courses and graduate level courses in cooperation with North Dakota State University and the University of North Dakota

D. NEW ACTIVITIES

Among activities/programs initiated at Dickinson State College during the biennium were:

1) Bachelor of Science in Nursing to complete the career ladder concept of nursing education offering students a program continuum from the LPN through the RN and BSN levels.
2) Reorganization of the Division of Continuing Education following the work of a campuswide study committee in 1982. Policies and procedures were developed to implement programs designed to address regional needs. During the 1982-83 academic year, 677 students enrolled in 20 graduate courses offered through the Division. Other activities included five undergraduate courses, numerous noncredit workshops, programs like Elderhostel and CommUniversity, and a variety of undergraduate individual extension learning opportunities.
3) A $48,000 grant from the National Endowment for the Humanities in the Fall of 1982 helped establish the interdisciplinary Regional Studies Program and the Regional Studies Center located on campus. Courses offered through the program combine history, biology, and the social sciences with a writing component to study, in depth, the Great Plains experience.

E. ACTIVITIES DELETED

1) An Associate Degree in Broadcasting was deleted although appropriate courses were retained as part of a broader communications program.

II. EVALUATION

A. ACTIVITIES, ACCOMPLISHMENTS

The following activities and accomplishments during the 1981-83 biennium helped Dickinson State College better meet its educational responsibilities to the people of the southwest region:

1) The entire book collection at Stoxen Library was entered on the OCLC data base and work is in progress to enter the audiovisual software records.
2) Grants from the Public Service Commission provided funding for four reclamation projects at abandoned coal and uranium mine sites in the region. These projects involved both the Heavy Equipment program and personnel from the Dickinson State College Agriculture Program.
3) Elementary and secondary education programs received seven year full accreditation from the National Council for the Accreditation of Teacher Education following an on-campus visit in the fall of 1981.
4) A faculty committee coordinated Dickinson State's involvement in a Bush Grant aimed at encouraging faculty development through

advanced study, symposiums, and research. Several members of the faculty began work on advanced degrees as a result of the grant.

5) The School of Business initiated new courses in management and accounting, established an advisory committee to work out details for an Energy Management program and established a Business Administration Conference to stimulate discussion between the college and the business community on issues of common interest.

6) The second phase of a major renovation project in May Hall was completed, resulting in 10 renovated classrooms and a seminar room.

7) Classroom and studio facilities for the art program were relocated in the Villard Building.

8) A $900,000 classroom addition to the multi-purpose arena was completed in December, 1982. The building is utilized for agriculture classes and lab activities, individual music recitals, regional workshops for out-of-school adults, and area wide 4-H and FFA activities.

9) The consolidation of Student Services in an accessible complex was completed. Personnel in this area have worked together to add a Peer Tutoring Program, enhance career counseling through a central location of resources, and to develop and implement an active drug and alcohol policy which addresses chemical addiction as a health problem rather than a disciplinary problem.

10) Alumni and other friends of the college set new records for their monetary support for scholarships and institutional development. Gifts to the Dickinson State Foundation or the Alumni Association during FY 1982-83 totaled $267,593, including gifts from twice as many donors as in previous years.

11) Faculty and administrators were encouraged to serve as resource persons for regional activities related to the arts and humanities, reflecting the college's leadership role as the cultural center for this area. Projects included:
---The establishment of the Northern Plains Ethnic Festival in cooperation with a community steering committee.
---Cooperative programs with the campus-based Ukrainian Cultural Institute.
---Celebration of the 25th anniversary of the Northern Plains International Festival of Music, one of the first in the state devoted to high school musicians.
---Affiliation with 8 grant projects from the North Dakota Humanities Council.
---Staging the premiere production of a play written by a faculty member.
---Participation in an advisory capacity in the establishment of the Joachim Museum.

12) Enrollment increased by 10 percent during the second year of the biennium and was significantly higher than the number predicted for Dickinson State in the Reinhardt Study. The student count for the Fall of 1981 was 1,093 students and the enrollment in Fall Quarter of 1982 was 1,202 students. See page E-5 for a breakdown of the enrollment by class and program.

B. TRENDS

Current enrollment figures and course demands indicate the following trends:

1) Computer Science courses and major and minor programs will continue to be in demand. The average enrollment in computer classes during the biennium climbed to 332 students per quarter from a high of 121 to 225 the previous biennium. Outreach computer courses for persons in education, business, and farming and ranching were requested throughout the region. Computer classes offered on campus during weekend and evening hours are filled. While the college strives to meet this external demand, efforts will continue to encourage computer literacy among students in all disciplines as necessary preparation in meeting career and personal goals. In-service workshops for faculty and staff will continue.
2) Business-related programs, particularly those which integrate broad business administration background with specialties like agriculture or energy management, will continue to attract students.
3) The emphasis on excellence in elementary and secondary education programs will continue as schools and the general public feel the impact of national policy and the effects of studies like "National At Risk" and a report from the Carnegie Foundation.
4) Students of non-traditional age, including those who have already earned a degree, will continue to raise the average age of the student body on this campus. These Older Than Average students are being encouraged through the establishment of special scholarships and attitudes about lifelong learning.

C. PROBLEMS AND FUTURE DIRECTIONS

1) Problems to be addressed during the coming Biennium include:
   ---The need for more appropriate classroom, laboratory, and studio facilities for the nursing, music, and business programs.
   ---The need for specified graduate course members to meet the demand from area educators for accessibility to graduate-level study.
2) Activities underway at the conclusion of the Biennium which will be completed during the following two-year period include:
   ---Preparation for the 10-year evaluation by the North Central Association of Colleges and Schools.
   ---Full implementation of the baccalaureate nursing program.
   ---Continue support for the community effort to raise money for the West River Center on campus.
3) Short and long-range objectives for Dickinson State College include:
   ---Develop a Regional Advisory Council to assure two-way communication between the College and the people it serves.
   ---Seek authorization to offer graduate credit for in-service needs of teachers in southwest North Dakota.
   ---Encourage faculty development through participation in the Bush Grant and by seeking alternative financial resources.
   ---Complete a review of General Studies to strengthen the College's emphasis in the liberal arts.
   ---Complete renovation of May Hall.
   ---Continue efforts to provide equal opportunity for Dickinson State College students through a name change to Dickinson State University.

ENROLLMENT REPORT BY CLASSES (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Freshmen	501	572
Sophomores	231	224
Juniors	161	157
Seniors	155	163
Graduates		
Special or Unclassified	45	86
TOTALS	1093	1202

Extension

ENROLLMENT REPORT BY CURRICULA (Headcount)

By Major Subject Area

	Fall Enrollment 1981-82	Fall Enrollment 1982-83 (est)
BCS	157	150
Junior College	195	200
Elementary	121	125
Secondary	197	200
Liberal Arts	153	150
Nursing	93	89
Other Associate Degree	128	
Specials	26	
Unclassified	23	(all others) 288
TOTALS	1093	1202

By Schools

Applied Science & Technology	Male	65
	Female	141
Business & Administration	Male	135
	Female	209
Arts & Sciences	Male	768
	Female	165
Education, Health, Physical Education & Recreation	Male	43
	Female	143
General Instruction	Male	97
	Female	91

DICKINSON STATE COLLEGE
BALANCE SHEET
JUNE 30, 1983
With Comparative Figures at June 30, 1982

ASSETS	Current Year	Prior Year
Current Funds:		
Unrestricted:		
Cash	$ 249,683.92	$ 211,848.44
Investments	5,000.00	-0-
Interest Receivable	9,941.49	7,167.66
State Appropriation Rec.	488,219.18	-0-
Accounts Receivable	-0-	1,207.38
Tuition & Fees Receivable	1,281.58	-0-
Total Unrestricted	$ 754,126.17	$ 220,223.48
Auxiliary Enterprises:		
Cash	$ 347,040.19	$ 357,575.64
Accounts Receivable	1,420.67	1,199.33
Tuition & Fees Receivable	323.84	-0-
Inventory	129,155.10	102,446.31
Total Auxiliary	$ 477,939.80	$ 461,221.28
Restricted:		
Cash	$ 34,466.26	$ 9,446.40
Gifts & Grants Receivable	32,452.74	57,143.73
Total Restricted	$ 66,919.00	$ 66,590.13
TOTAL CURRENT FUNDS	$ 1,298,984.97	$ 748,034.89
Loan Funds:		
Cash	$ 27,007.29	$ 62,879.46
Investments	105,438.29	79,052.83
Interest Receivable	1,215.54	1,034.72
Accounts Receivable	-0-	2,398.00
Notes Receivable	717,013.46	737,132.52
Deposit with USAF	6,500.00	6,500.00
Reserve for Guaranteed Loans	(3,800.00)	(3,800.00)
TOTAL LOAN FUNDS	$ 853,374.58	$ 885,197.53
Plant Funds:		
Unexpended	$ -0-	$ -0-
Retirement of Indebtedness:		
Cash	$ 36,126.42	$ 27,907.96
Investments	989,000.00	635,000.00
Interest Receivable	22,895.06	-0-
Total Retirement of Indebtedness	$ 1,048,021.48	$ 662,907.96
Investment in Plant:		
Land	$ 171,455.44	$ 171,455.44
Buildings	10,240,722.81	9,739,392.03
Equipment	3,248,941.54	3,170,855.58
Total Investment in Plant	$13,661,119.79	$13,081,703.05
TOTAL PLANT FUNDS	$14,709,141.27	$13,744,611.01
Agency Funds:		
Cash	$ 121,798.77	$ 68,406.37
Accounts Receivable	-0-	163.00
TOTAL AGENCY FUNDS	$ 121,798.77	$ 68,569.37
TOTAL ALL FUNDS	$16,983,299.59	$15,446,412.80

DICKINSON STATE COLLEGE
BALANCE SHEET
JUNE 30, 1983
With Comparative Figures at June 30, 1982

LIABILITIES and EQUITIES	Current Year	Prior Year
Current Funds:		
Unrestricted:		
Accounts Payable	$ 2,319.44	$ 1,171.31
Fund Balances	751,806.73	219,052.17
Total Unrestricted	$ 754,126.17	$ 220,223.48
Auxiliary Enterprises:		
Accounts Payable	$ 5,005.10	$ 15,713.95
Salaries Payable	4,064.37	-0-
Sales Tax Payable	596.32	531.03
Deposits	23,480.00	19,260.00
Fund Balances	444,794.01	425,716.30
Total Auxiliary	$ 477,939.80	$ 461,221.28
Restricted:		
Accounts Payable	$ 956.38	$ 19,108.14
Salaries Payable	5,709.06	4,646.74
Fund Balance	60,253.56	42,835.25
Total Restricted	$ 66,919.00	$ 66,590.13
TOTAL CURRENT FUNDS	$ 1,298,984.97	$ 748,034.89
Loan Funds:		
Fund Balances	$ 853,374.58	$ 885,197.53
Plant Funds:		
Unexpended	$ -0-	$ -0-
Retirement of Indebtedness:		
Fund Balances	$ 1,048,021.48	$ 662,907 96
Investment in Plant:		
Bonds Payable	$ 1,953,000.00	$ 2,031,000.00
Net Investment in Plant	11,708,119.79	11,050,703.05
Total Investment in Plant	$13,661,119.79	$13,081,703.05
TOTAL PLANT FUNDS	$14,709,141.27	$13,744,611.01
Agency Funds:		
Deposits	$ (945.00)	$ (495.00)
Accounts Payable	2,641.16	-0-
Payroll Withholding Payable	29,167.51	10,370.03
Balance held in Trust	90,935.10	58,694.34
TOTAL AGENCY FUNDS	$ 121,798.77	$ 68,569.37
TOTAL ALL FUNDS	$16,983,299.59	$15,446,412.80

DICKINSON STATE COLLEGE
Statement of Current Funds Revenue, Expenditures, and other Changes
Year Ended June 30, 1982

	Unrestricted	Restricted	Total	Prior Year Totals
Revenues:				
Tuition and Fees	$ 663,262.18		$ 663,262.18	$ 572,017.76
State Appropriation	3,452,948.08		3,452,948.08	3,398,555.69
Sales & Services	369,701.14		369,701.14	140,054.06
Organized Educ. Accounts	110,958.09		110,958.09	87,040.31
Auxiliary Enterprises	1,330,674.48		1,330,674.48	1,176,920.51
Scholarships		$ 63,444.90	63,444.90	51,659.96
Gifts & Grants		1,062,034.59	1,062,034.59	625,397.88
Total Revenues	$5,927,543.97	$1,125,479.49	$7,053,023.46	$6,051,646.17
Expenditures:				
Instruction	$2,242,368.36		$2,242,368.36	$2,045,650.02
Academic Support	342,013.30		342,013.30	226,724.11
Student Services	350,517.05		350,517.05	284,367.67
Institutional Support	468,213.46		468,213.46	423,574.98
Physical Plant	850,367.30		850,367.30	774,680.86
Sales & Services	365,486.67		365,486.67	101,612.40
Organized Educ. Accounts	109,108.40		109,108.40	80,492.83
Scholarships		$ 63,444.90	63,444.90	51,659.96
Gifts & Grants		1,062,034.59	1,062,034.59	625,397.88
Auxiliary Enterprises	911,556.56		911,556.56	984,757.19
Mandatory transfers to Debt Service	153,334.20		153,334.20	240,241.50
Total Expenditures and Mandatory Transfers	$5,792,965.30	$1,125,479.49	$6,918,444.79	$5,839,159.40
Other Transfers, Additions/(Deductions):				
Excess of Restricted Expenditures over Revenue		$ (62,832.52)	$ (62,832.52)	
Excess of Restricted Receipts over Recognized Revenue				$ 13,073.30
Interfund Transfers				-0-
Total Other Changes	$ -0-	$ (62,832.52)	$ (62,832.52)	$ 13,073.30
Net Increase/(Decrease) in Fund Balance	$ 134,578.67	$ (62,832.52)	$ 71,746.15	$ 225,560.07

DICKINSON STATE COLLEGE
Statement of Current Funds Revenue, Expenditures, and other Changes
Year Ended June 30, 1983

	Unrestricted	Restricted	Total	Prior Year Totals
Revenues:				
Tuition and Fees	$ 726,843.09		$ 726,843.09	$ 663,262.18
State Appropriation	4,513,233.10		4,513,233.10	3,452,948.08
Sales & Services	258,766.24		258,766.24	369,701.14
Organized Educ. Accounts	147,327.12		147,327.12	110,958.09
Auxiliary Enterprises	1,414,849.18		1,414,849.18	1,330,674.48
Scholarships		$ 68,259.24	68,259.24	63,444.90
Gifts & Grants		554,210.07	554,210.07	1,062,034.59
Total Revenues	$7,061,018.73	$622,469.31	$7,683,488.04	$7,053,023.46
Expenditures:				
Instruction	$2,417,903.04		$2,417,903.04	$2,242,368.36
Academic Support	366,219.89		366,219.89	342,013.30
Student Services	360,592.58		360,592.58	350,517.05
Institutional Support	524,973.07		524,973.07	4 8,213.46
Physical Plant	1,069,456.70		1,069,456.70	850,367.30
Sales & Services	247,399.40		247,399.40	365,486.67
Organized Educ. Accounts	115,134.14		115,134.14	109,108.40
Tuition & Fees	11,736.17		11,736.17	-0-
Scholarships		$ 68,259.24	68,259.24	63,444.90
Gifts & Grants		554,210.07	554,210.07	1,062,034.59
Auxiliary Enterprises	933,641.15		933,641.15	911,556.56
Mandatory transfers to Debt Service	462,130.32		462,130.32	153,334.20
Total Expenditures and Mandatory Transfers	$6,509,186.46	$622,469.31	$7,131,655.77	$6,918,444.79
Other Transfers, Additions/(Deductions):				
Excess of Restricted Expenditures over Revenue				$ (62,832.52)
Excess of Restricted Receipts over Recognized Revenue		$ 17,418.31	$ 17,418.31	
Total Other Changes	$ -0-	$ 17,418.31	$ 17,418.31	$ (62,832.52)
Net Increase in Fund Balance	$ 551,832.27	$ 17,418.31	$ 569,250.58	$ 71,746.15

DICKINSON STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1982

	Current Funds		Loan Funds	Plant Funds		
	Unrestricted	Restricted		Unexpended	Retirement of Debt	Investment in Plant
Revenues and Other Additions:						
Educational & General Revenues	$1,143,921.41					
State Appropriation	3,452,948.08			$24,694.67		
Auxiliary Enterprises Revenues	1,330,674.48					
Scholarships Receipts		$ 63,444.90				
Gifts & Grants Receipts		1,062,034.59				
Investment Income			$ 5,225.68		$ 52,032.00	
Interest Income			9,441.79			
Int. & Prin. on Loans Cancelled			2,398.00			
Increase in Building Contents						$ 335,736.52
Retirement of Bonds						74,000.00
Capitalization of Construction						515,073.22
Total Revenues & Other Additions	$5,927,543.97	$1,125,479.49	$ 17,065.47	$24,694.67	$ 52,032.00	$ 924,809.74
Expenditures & Other Deductions:						
Education & General Expend.	$4,728,074.54	$1,125,479.49				
Auxiliary Enterprises Expend.	911,556.56					
Administrative & Collection Costs			12,747.17			
Loan Principal Cancellation			15,220.56			
Expend. for Plant Facilities				$24,694.67		
Retirement of Bonds					$ 74,000.00	
Interest Expense					81,469.50	
Trustee Fees					179.34	
Expend. exceed receipts		62,832.52				
Total Expenditures	$5,639,631.10	$1,188,312.01	$ 27,967.73	$24,694.67	$155,648.84	$ -0-
Transfer Among Funds:Add/(Deduct.)						
Mandatory:						
Principal & Interest	(153,334.20)				153,334.20	
Interfund Transfers	-0-	-0-				
Net Increase/(Decrease) for Year	$ 134,578.67	$ (62,832.52)	$(10,902.26)	$ -0-	$ 49,717.36	$ 924,809.74
Fund Balance - Beginning Year	510,189.90	105,667.77	896,099.79	-0-	613,190.60	10,125,893.31
Fund Balance - End Year	$ 644,768.47	$ 42,835.25	$885,197.53	$ -0-	$662,907.96	$11,050,703.05

DICKINSON STATE COLLEGE
STATEMENT OF APPROPRIATIONS
BIENNIUM ENDED JUNE 30, 1983

	1981-1983 APPROPRIATION	ADJUSTMENTS	FY1982 EXPENDITURES	FY1983 EXPENDITURES	BALANCE 6-30-83
Salaries & Wages	$7,027,670.00	$(299,038.00)	$3,286,818.69	$3,436,363.16	$ 5,450.15
Operating Expenses	1,992,393.00	27,332.00	857,217.28	1,162,501.23	6.49
Equipment	249,775.00	-0-	109,443.50	140,280.89	50.61
Plant Improvements	665,250.00	115,000.00	24,694.67	351,732.15	403,823.18
CY-OV Projects	-0-	20,148.00	-0-	20,148.00	-0-
Totals	$9,935,088.00	$(136,558.00)	$4,278,174.14	$5,111,025.43	$409,330.43

NOTES: The $403,823.18 balance in Plant Improvements is carried over to the 1983-1985 biennium as CY-OV Projects.

DICKINSON STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1983

	Current Funds		Loan	Plant Funds		
	Unrestricted	Restricted	Funds	Unexpended	Retirement of Debt	Investment in Plant
Revenues & Other Additions:						
Educational & general revenues	$1,132,936.45					
State Appropriation	4,513,233.10			$371,880.15		
Auxiliary Enterprises revenues	1,414,849.18					
Scholarship Receipts		$ 68,259.24				
Gifts & Grants Receipts		554,210.07				
Investment Income			$ 4,566.28		$ 79,866.09	
Interest Income			10,605.66			
Int. & Prin. on Loans cancelled			1,913.00			
Increase in Building Contents						$ 78,085.96
Retirement of Bonds						78,000.00
Capitalization of Construction						501,330.78
Excess of Restr. receipts over recog. rev.		17,418.31				
Federal Appropriation			2,764.00			
Institutional Contribution			307.11			
Total Revenues & other Addns.	$7,061,018.73	$639,887.62	$ 20,156.05	$371,880.15	$ 79,866.09	$ 657,416.74
Expenditures & other Deductions:						
Educational & General Expend.	$5,113,414.99	$622,469.31				
Auxiliary Enterprise Expend.	933,641.15					
Administrative & Collection Costs			$ 40,523.87			
Loan Principal Cancellation			11,455.13			
Expend. for Plant Facilities				$371,880.15		
Retirement of Bonds					78,000.00	
Interest Expense					100,201.30	
Trustee Fees					205.14	
Total Expenditures & Other Decut.	$6,047,056.14	$622,469.31	$ 51,979.00	$371,880.15	$ 178,406.44	$ -0-
Transfer Among Funds:Add/(Deduct.)						
Mandatory:						
Principal & Interest	(462,130.32)				462,130.32	
Interfund Transfers		-0-				
Net Increase/(Decrease) for Year	$ 551,832.27	$ 17,418.31	$(31,822.95)	$ -0-	$ 363,589.97	$ 657,416.74
Fund Bal. - Beginning Year	644,768.47	42,835.25	885,197.53	-0-	662,907.96	11,050,703.05
Fund Balance - End Year	$1,196,600.74	$ 60,253.56	$853,374.58	$ -0-	$1,026,497.93	$11,708,119.79

VALLEY CITY STATE COLLEGE
BIENNIAL REPORT
July 1, 1981 - June 30, 1983
CHARLES B. HOUSE, JR., PRESIDENT

FUNCTION--HISTORICAL PERSPECTIVE AND MISSION

Valley City State College has a rich heritage and its growth and development mirrors the progress of higher education in the state of North Dakota. The original purpose of the institution, as specified by law, was "to prepare teachers for public schools in the science of education and the art of teaching." However, since 1946, the College has offered a liberal arts degree, and in 1963, the legislature of North Dakota changed the name of the school, Valley City Normal School, to its present designation--Valley City State College. The College has, in the past, and continues, in the present, to recognize a broad responsibility to the general educational needs of the state. Consequently, the broader educational objectives of the institution as defined by the legislature, the College faculty and administration, and the North Dakota State Board of Higher Education are: (1) to provide a strong, comprehensive liberal arts base requisite to the development of excellence in any collegiate academic program; (2) to provide a selected range of arts and sciences and professional program offerings through the baccalaureate degree level; and (3) to provide a health, physical education and recreation program to serve the needs of the total student body.

Valley City State College is dedicated to the service of the economic, intellectual, and cultural life of the region in which it is located. In order to effect this involvement, three basic functions are performed:

1. Instruction. Instruction is the primary mission of the College. The instructional program has been developed to accomplish the following basic tasks: (a) to provide a four-year degree curriculum which offers courses which prepare students for teaching and supervisory careers in elementary, junior high, and senior high school fields and leads directly to a first grade professional certificate and a bachelor of science degree; (b) to provide opportunities for students to prepare for careers in professional education, business, commerce, industry and technology, and government service; (c) to provide special programs designed to meet the needs of individuals with diverse educational backgrounds, interests, and qualifications, and to accommodate students such as older adults through the Bachelor of College Studies program--External Degree track and Alternate Learning Program; (d) to provide one and two-year Associate and Certificate programs which enable the student to enter a secretarial, clerical, or other support position in the business or professional world; and (e) to provide preparation for students who plan to transfer to professional colleges or other collegiate institutions or universities.

2. Research. Research is a normal component of many institutional programs and processes and is necessary for the continuous self-renewal required to update instruction. Thus, research activities focus upon: (a) scholarship and departmental research directly related to instruction, and (b) applied and developmental research which is compatible with the instruction mission of the College and is designed to respond to the specific regional needs of the geographic environment surrounding the campus.

3. Service. Service to the community is a normal outgrowth of many of Valley City State's instructional programs and of the special competencies of the faculty. The public service functions of the faculty and the College focus on activities which are commensurate with the instructional mission of the College and with the needs of individuals, groups, and organizations located within the immediate region of Valley City and the state of North Dakota.

In conducting these three basic functions, the College attempts to pursue cooperative and consortia arrangements with other institutions and/or agencies when such arrangements are found to be desirable, financially feasible, and mutually beneficial.

BIENNIAL GOALS, PROGRAMS, AND RELATED ACTIVITIES

The most significant event of the biennium was a change in the presidential administration of the College. The search for a new president was capably conducted and the transition was accomplished with a minimum of disruption to the continuing projects and activities of the institution.

Two major academic events dominated the biennial cycle. These were the accreditation processes conducted by the two national accrediting agencies of the College, the National Council for the Accreditation of Teacher Education (NCATE) and the North Central Association of Colleges and Schools (NCA). In both cases, the reviews were highly positive and the accreditations were sustained for the maximum time periods permitted by the agencies' policies. Much of the credit for the successful accreditation reviews is due to staff and faculty members who developed uniformly excellent preliminary self-study documents.

The development of the Academic Master Plan which was reported in the preceding biennial report was continued and implemented in a thorough review of all of the programs. A number of redundant courses were discontinued and a new program was developed and approved by the State Board of Higher Education. The program is a major in Computer Information Systems, which at the time of its adoption was unique in North Dakota. Developed on a model provided by the Data Processing Management Association (DPMA), the curriculum is business and practitioner oriented, rather than theoretical in its primary emphasis.

The Program Review is a continuing process emerging from the original comprehensive review. Under the process, one-third of the College's programs will be reviewed annually in a continuous "rolling" process.

In preparation for the next biennial Bulletin, a thorough review of the General Education program was undertaken, which will result in a more coherent pattern of general and basic education, and one which emphasizes the intellectual competences which will be needed by students who will live most of their productive lives in the Twenty-First Century. Significantly assisted by the Bush Foundation Grant to the state colleges for instructional development, consultant services were made available for instructional development and curriculum revision in Teacher Education, Humanities, and Mathematics. An important Bush Grant activity was a series of seminars for all faculty in "Writing Across the Curriculum." This effort recognizes the importance of writing skills and adopts the premise that writing improvement should take place in all instructional areas and should not be limited to those courses specifically identified as "composition." In addition, twelve Bush Foundation "mini-grants," ranging from $300.00 to $2,000.00 were made to individual faculty members in response to instructional development proposals relevant to their special areas.

With respect to the administrative organization of the College, one major realignment took place. In connection with the appointment of a new Director of Athletics, the Division of Education, Psychology, Health and Physical Education was reorganized into two units, the Division of Education and Psychology, and the Division of Health and Physical Education; the Director of Athletics being assigned the collateral portfolio as Chair of the Division of Health and Physical Education.

One further academic event of significance took place as the Library was integrated into the On-line Computer Library Catalogue (OCLC), giving catalogue access to libraries nationwide.

In general, the College shows enrollment stability and academic progress. The faculty and staff are working with good spirit and, in many cases, high enthusiasm in spite of the conditions of fiscal stringency which are affecting all of the institutions of higher education across the state and nation.

ENROLLMENT REPORT BY CLASSES (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Freshmen	421	411
Sophomores	220	208
Juniors	176	154
Seniors	169	175
Graduates		
Special or Unclassified	222	133
TOTALS	1,208	1,081
Extension		

ENROLLMENT REPORT BY CURRICULA (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Business	378	304
Communication Arts and Social Science	92	81
Education and Psychology	154	159
Fine Arts	61	45
Health and Physical Education	93	99
Mathematics, Science and Technology	118	156
Undecided	312	237
TOTALS	1,208	1,081

VALLEY CITY STATE COLLEGE
COMPARATIVE BALANCE SHEET
June 30, 1982 and 1983

ASSETS

	1983	1982
Current Funds:		
Unrestricted:		
Cash	$ 195,408.81	$ 213,636.83
Accounts Receivable	9,378.63	16,386.06
Less: Allowance for Doubtful Accounts	(3,378.15)	(7,769.91)
Land Department - Interest and Income Receivable	77,179.40	84,539.54
Appropriations Receivable	170,679.53	80,725.32
Accrued Interest Receivable	196.63	39.33
Total Unrestricted	$ 449,464.85	$ 387,557.17
Auxiliary Enterprises:		
Cash	$ 435,556.08	$ 309,560.94
Accounts Receivable	4,153.39	1,631.06
Less: Allowance for Doubtful Accounts	(830.68)	(331.17)
Investments	560,582.96	560,066.33
Inventories	111,840.43	100,574.97
Creditor Accounts with Debit Balances	4,720.36	4,749.00
Due from Other Funds	4,626.58	5,430.03
Accrued Interest Receivable	22.65	160.77
Total Auxiliary Enterprises	$1,120,671.77	$ 981,841.93
Restricted:		
Cash	$ 30,745.59	$ 8,376.14
Receivable - Grant and Scholarships	18,524.19	38,631.75
Investments	27,000.00	27,000.00
Accrued Interest Receivable	2,222.90	2,254.03
Total Restricted	$ 78,492.68	$ 76,261.92
Total Current Funds Assets	$1,648,629.30	$1,445,661.02
Loan Funds:		
Cash	$ 26,614.34	$ 30,924.29
Notes Receivable	725,894.24	713,182.29
Less: Allowance for Doubtful Accounts	(5,991.88)	(5,564.70)
Deposit with U.S.A.F. Inc.	7,000.00	7,000.00
Total Loan Funds	$ 753,516.70	$ 745,541.88
Endowment Funds:		
Cash	$ 2,750.00	$ 9,118.36
Accrued Interest Receivable	51.91	51.91
Investments	250,676.14	239,686.90
Total Endowment Funds	$ 253,478.05	$ 248,857.17
Plant Funds:		
Unexpended:		
Appropriation Receivable	$ 21,715.36	$ 13,509.13
Total Plant Funds Unexpended	$ 21,715.36	$ 13,509.13

VALLEY CITY STATE COLLEGE
COMPARATIVE BALANCE SHEET
June 30, 1982 and 1983

	1983	1982
Retirement of Indebtedness:		
Cash	$ 8,112.98	$ 10,388.00
Investments	664,815.18	585,042.08
Accrued Interest Receivable	8,835.97	9,427.45
Total Retirement of Indebtedness	$ 681,764.13	$ 604,857.53
Investment in Plant:		
Land	$ 227,988.87	$ 227,988.87
Land Improvements	851,521.25	817,521.25
Buildings	9,843,086.82	9,737,299.43
Equipment	1,545,405.35	1,429,397.24
Library Rates	908,417.45	896,217.45
Total Investment in Plant	$13,376,419.74	$13,108,424.24
Total Plant Funds	$14,079,899.23	$13,726,790.90
Agnecy Funds:		
Cash	$ 23,537.63	$ 34,922.12
Investments	2,401.15	2,379.80
Due from Other Funds	5,888.38	3,914.42
Accrued Interest Receivable	60.00	60.89
Total Agency Funds	$ 31,887.16	$ 41,277.23
TOTAL ASSETS	$16,767,410.44	$16,208,128.20

LIABILITIES & EQUITIES

	1983	1982
Current Funds:		
Unrestricted:		
Vouchers Payable	$ 190,805.23	$ 190,959.09
Salaries Payable	5,246.78	3,799.15
Payroll Deductions Payable	218.62	155.53
Due to Other Funds	5,888.38	8,616.15
Fund Balances	247,305.84	184,027.25
Total Unrestricted	$ 449,464.85	$ 387,557.17
Auxiliary Enterprises:		
Dorm Deposits	$ 2,495.14	$ 10,160.71
Sales Tax Payable	939.63	600.09
Vouchers Payable	9,849.34	7,622.62
Salaries Payable	1,515.03	3,147.03
Payroll Deductions Payable	114.03	204.56
Fund Balances	$ 1,105,758.60	$ 960,106.92
Total Auxiliary Enterprises	$ 1,120,671.77	$ 981,841.93

VALLEY CITY STATE COLLEGE
COMPARATIVE BALANCE SHEET
June 30, 1982 and 1983

	1983	1982
Restricted:		
Vouchers Payable	$ 36,057.37	$ 12,553.04
Salaries Payable	3,978.37	909.54
Payroll Deductions Payable	299.45	60.95
Reserve for Receivables	18,524.19	38,631.75
Fund Balances	19,633.30	24,106.64
Total Restricted	$ 78,492.68	$ 76,261.92
Total Current Funds Liabilities and Equities	$ 1,648.629.30	$ 1,445,661.02
Loan Funds:		
Fund Balance		
Institutional Loan Fund Balance	$ 24,526.97	$ 23,177.17
National Direct Student Loan Funds	721,989.73	715,364.71
Other Loan Funds	7,000.00	7,000.00
Total Loan Funds	$ 753,516.70	$ 745,541.88
Endowment Funds:		
Fund Balances		
Endowment Funds	$ 131,904.68	$ 127,283.80
Quasi-Endowment Funds	121,573.37	121,573.37
Total Endowment Funds	$ 253,478.05	$ 248,857.17
Plant Funds:		
Unexpended:		
Vouchers Payable	$ 21,715.36	$ 13,509.13
Total Plant Funds Unexpended	$ 21,715.36	$ 13,509.13
Retirement of Indebtness:		
Fund Balance	$ 681,764.13	$ 604,857.53
Total Retirement of Indebtedness	$ 681,764.13	$ 604,857.53
Investment in Plant:		
Bonds Payable	$ 2,196,000.00	$ 2,266,000.00
Net Investment in Plant	11,180,419.74	10,842,424.24
Total Investment in Plant	$13,376,419.74	$13,108,424.24
Total Plant Funds	$14,079,899.23	$13,726,790.90
Agency Funds:		
Vouchers Payable	$ 1,750.60	$ 118.63
Balance Held in Deposit	30,136.56	41,158.60
Total Agency	$ 31,887.16	$ 41,277.23
TOTAL LIABILITIES AND EQUITY	$16,767,410.44	$16,208,128.20

VALLEY CITY STATE COLLEGE
STATEMENT OF CURRENT FUNDS REVENUE, EXPENDITURES, & OTHER CHANGES
FOR YEARS ENDED JUNE 30, 1982 and 1983

	1983			1982
	UNRESTRICTED	RESTRICTED	TOTAL	TOTAL
Revenues:				
Education & General:				
Tuition and Fees	$ 640,175.72		$ 640,175.72	$ 639,325.09
State Appropriations	3,603,741.09		3,603,741.09	2,758,842.76
Endowment Income	166,000.00	$ 23,097.49	189,097.49	184,259.17
Federal Grants - Contracts		151,472.50	151,472.50	160,677.21
State Grants - Contracts		11,605.07	11,605.07	13,228.19
Private Gifts - Grants		84,377.59	84,377.59	62,088.97
Sales and Services	93,103.54		93,103.54	71,889.39
Total Education and General	$4,503,020.35	$ 270,552.65	$4,773,573.00	$3,890,310.78
Auxiliary Enterprises:	880,141.91		880,141.91	867,586.83
Total Revenues	$5,383,162.26	$ 270,552.65	$5,653,714.91	$4,757,897.61
Expenditures & Mandatory Transfers:				
Education & General:				
General Administration	$ 746,016.34		$ 746,016.34	$ 554,554.17
General Institutional	10,312.22	$ 10,372.46	20,684.68	66,449.44
Instructional and Department Research	2,214,752.10		2,214,752.10	2,148,430.25
Sales/Services of Education Department	287.50		287.50	226.01
Extension and Public Service	43,378.46		43,378.46	20,138.24
Library	183,915.55	2,377.61	186,293.16	175,164.23
Computer	127,798.72		127,798.72	107,136.01
Physical Plant	1,115,381.61		1,115,381.61	922,320.31
Student Aid		257,775.69	257,775.69	206,871.38
Total Education and General	$4,441,842.50	$ 270,525.76	$4,712,368.26	$4,201,290.04
Auxiliary Enterprises:				
Expenditures	$ 560,656.48		$ 560,656.48	$ 571,978.78
Mandatory Transfers for Principal & Interest	174,118.75		174,118.75	191,416.25
Total Expenditures & Mandatory Transfers	$5,176,617.73	$ 270,525.76	$5,447,143.49	$4,964,685.07
Other transfers & Additions:				
Receipts Not Recognized as Revenue	$ 498,411.29		$ 498,411.29	$ 502,433.45
Administrative Cost - Land Department	(4,056.46)		(4,056.46)	(3,367.00)
Net Intrafund Transfers	4,500.13	$ (4,500.13)		
Disbursements Not Recognized	(495,017.24)		(495,017.24)	(501,308.82)
Other Additions (Deductions)	(1,451.98)		(1,451.98)	(4,355.15)
Net Increase (Decrease)	$ 208,930.27	$ (4,473.24)	$ 204,457.03	$ (213,384.98)

VALLEY CITY STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
FOR YEAR ENDED JUNE 30, 1983

	CURRENT FUNDS			
	Unrestricted	Restricted	Auxiliary	Loan Funds
Revenues and Other Additions:				
Education and General	$ 640,175.72	$	$	$
State Appropriations	3,603,741.09			
Endowment Income	166,000.00			
Federal Grants and Contracts		151,472.50		
State Grants and Contracts		11,605.07		
Private Gifts and Grants		84,377.59		
Sales and Service	93,103.54		880,141.91	
Service Charges				890.29
Principal-Interest Loan Reimbursement				5,392.00
Receipts Not Recognized as Revenue	130,037.50		368,373.79	
Interest Income		23,097.49		9,766.11
Other				
Total Revenues and Other Additions	$4,633,057.85	$ 270,552.65	$1,248,515.70	$ 16,048.40
Expenditures and Other Deductions:				
Education and General	$4,441,842.50	$ 270,525.76	$ 560,656.48	$
Administrative Expense	4,056.46			
Collection Costs				2,562.41
Loan Cancellations and Write Offs				5,511.17
Disbursement Not Recognized	126,928.45		368,088.79	
Other	1,451.98			
Total Expenditures - Other Deductions	$4,574,279.39	$ 270,525.76	$ 928,745.27	$ 8,073.58
Transfers - Additions/(Deductions):				
Intrafund	$ 4,500.13	$ (4,500.13)	$ -0-	$ -0-
Mandatory - Principal and Interest			174,118.75	
Total Transfers	$ 4,500.13	$ (4,500.13)	$ 174,118.75	$ -0-
Net Incease/(Decrease) for the Year	$ 63,278.59	(4,473.24)	$ 145,651.68	$ 7,974.82
Fund Balance, June 30, 1982	184,027.25	24,106.64	960,106.92	745,541.88
Fund Balance, June 30, 1983	$ 247,305.84	$ 19,633.40	$1,105,758.60	$753,516.70

VALLEY CITY STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
FOR YEAR ENDED JUNE 30, 1982

	ENDOWMENT FUNDS	PLANT FUNDS		
		UNEXPENDED	DEBT SERVICE	INVESTMENT IN PLANT
Revenues and Other Additions:				
Education and General	$	$	$	$
State Appropriation		387,463.50		
Federal Grants and Contracts			11,857.00	
Private Gifts and Grants	5,025.00			
Fixed Asset Additions				544,897.12
State Grant - Inprovements for Handicapped				
Interest Income	532.86		49,406.84	
Debt Retired				70,000.00
Other	3,827.58			
Total Revenues and Other Additions	$ 9,385.44	$ 387,463.50	$ 61,263.84	$ 614,897.12
Expenditures and Other Deductions:				
Education and General	$	$	$	$
Bonds Retired			70,000.00	
Interest Expense			115,303.75	
Trustee Fees			486.75	
Expenditures for Plant Facilities		387,474.73		
Fixed Asset Deletions				$ 33,261.72
Revenue in Excess of Receipts				
Other				
Total Expenditures and Other Deductions	$ -0-	$ 387,474.73	$ 185,790.50	$ 33,261.72
Transfers - Additions/(Deductions):				
Due from Other Funds	$	$	$	$
Intrafund				
Mandatory - Principal and Interest			191,416.25	
Total Transfers	$ -0-	$ -0-	$ 191,416.25	$ -0-
Net Increase/(Decrease) for the Year	$ 9,385.44	$ (11.23)	$ 66,889.59	$ 581.635.40
Fund Balance, June 30, 1981	239,471.73	11.23	537,967.94	$10,260,788.84
Fund Balance, June 30, 1982	$248,857.17	$ -0-	$ 604,857.53	$10,842,424.24

VALLEY CITY STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
FOR YEAR ENDED JUNE 30, 1982

	CURRENT FUNDS			
	UNRESTRICTED	RESTRICTED	AUXILIARY	LOAN FUNDS
Revenues and Other Aditions:				
Education and General	$ 639,325.09			
State Appropriation	2,758,842.76			
Endowment Income	156,320.35			
Federal Grants - Contracts		$ 139,806.98		
State Grants - Contracts		14,988.34		
Private Gifts - Grants		62,326.17		
Sales and Service	71,889.39		$ 867,586.83	
Service Charges				$ 933.04
Principal and Interest Loan Reimbursement				1,287.00
Fixed Asset Additions				
State Grant - Inprovement for Handicapped				
Receipts Not Recognized as Revenue	137,897.41		364,536.04	
Interest Income		32,724.83		10,509.09
Debt Retired				
Other			3,393.83	2,649.74
Total Revenues and Other Additions	$3,764,275.00	$ 249,846.32	$1,235,516.70	$ 15,378.87
Expenditures and Other Deductions:				
Education and General	$3,937,356.85	$ 263,933.19	$ 571,978.78	
Administrative Expense	3,367.00			
Collection Costs				$ 10,364.12
Loan Cancellation and Write Offs				11,379.00
Disbursements Not Recognized	136,373.33		364,935.49	
Total Expenditures and Other Deductions	$4,077,097.18	$ 263,933.19	$ 936,914.27	$ 21,743.12
Transfers - Additions/(Deductions)				
Intrafund	$ 3,021.48	$ 3,150.41		
Mandatory-Principal & Interest			$ (191,416.25)	
Total Transfers	$ 3,021.48	$ 3,150.41	$ (191,416.25)	-0-
Net Increase/(Decrease) for the Year	$ (309,800.70)	$ (10,936.46)	$ 107,186.18	$ (6,364.25)
Fund Balance, June 30, 1981	493,827.95	35,043.10	852,920.74	751,906.13
Fund Balance,June 30, 1982	$ 184,027.25	$ 24,106.64	$ 960,106.92	$745,541.88

VALLEY CITY STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
FOR YEAR ENDED JUNE 30, 1983

	ENDOWMENT FUNDS	PLANT FUNDS		
		UNEXPENDED	DEBT SERVICE	INVESTMENT IN PLANT
Revenues and Additions:				
Education and General	$	$	$	$
State Appropriations		139,787.39		
Federal Grants and Contracts			35,571.00	
State Grants and Contracts				
Sales and Service				
Private Gifts and Grants	4,271.64			
Fixed Asset Additions				296,228.39
Interest Income	349.24		49,989.85	
Debt Retired				70,000.00
Other				
Total Revenues and Other Additions	$ 4,620.88	$ 139,787.39	$ 85,560.85	$ 366,228.39
Expenditures and Other Deductions:				
Education and General	$	$	$	$
Bonds Retired			70,000.00	
Interest Expense			112,344.75	
Trustee Fees			428.25	
Administrative Expense				
Collection Costs				
Expenditures for Plant Facilities		$ 139,787.39		
Fixed Assets Deletions				$ 28,232.89
Other				
Total Expenditures and Other Deductions	$ -0-	$ 139,787.39	$ 182,773.00	$ 28,232.89
Transfers - Additions/(Deductions):				
Intrafund	$ -0-	$ -0-	$ -0-	$ -0-
Mandatory - Principal and Interest	-0-	-0-	174,118.75	-0-
Total Transfers	$ -0-	$ -0-	$ 174,118.75	$ -0-
Net Increase/(Decrease) for the Year	$ 4,620.88	$ -0-	$ 76,906.60	$ 337,995.50
Fund Balance, June 30, 1982	248,857.17	-0-	604,857.53	10,842,424.24
Fund Balance, June 30, 1983	$ 253,478.05	$	$ 681,764.13	$11,180.419.74

VALLEY CITY STATE COLLEGE
STATEMENT OF APPROPRIATIONS
FOR YEARS ENDED JUNE 30, 1982 AND 1983

	1981-1982 Appropriation	FY 1982 Expenditures	FY 1983 Expenditures	Balance 6-30-83
Salaries and Wages	$6,191,393.00	$2,993.610.79	$3,085,584.97	$ 112,197.24
Operating Expenses	1,756,772.00	$ 722,788.22	1,022.792.78	11,191.00
Equipment	217,400.00	118,347.71	99,023.20	29.09
Land, Structures and Major Improvements	527,468.00	387,474.73	139,787.39	205.88
TOTAL	$8,693.033.00	$4,222,221.45	$4,347.188.34	$ 123,623.21

MAYVILLE STATE COLLEGE

TWENTY-THIRD BIENNIAL REPORT

July 1, 1981 to June 30, 1983

James Schobel, President

A. FUNCTION

1. Mayville State College is one of North Dakota's original colleges, since its establishment was provided for in the State Constitution in 1889. (See Chapter 15-13-01, NDCC.) It is one of four baccalaureate colleges under the control of the State Board of Higher Education. The College offers the degrees of Bachelor of Arts in English, Music, and Social Science; Bachelor of Science majors include Administrative Office Services, Biology, Business Administration, Chemistry, Computer Studies, Education (Elementary and Secondary), Mathematics, Physical Science, and Physical Education. Minors are available in all major areas and in Earth Science, General Science, Geography, Library Science, Physics, Psychology, Sociology, and Speech/Drama. In addition the college offers a Bachelor of General Studies degree and several two-year Associate of Arts degrees. Other non-degree pre-professional and continuing education programs are also available.

The original purpose of the College was "to prepare teachers for the public schools of the State in the science of education and the art of teaching", and that remains a primary objective today. However, the role of the institution was expanded in 1925, 1960, and more recently during the 1970's by the Board of Higher Education to include a variety of missions appropriate to the College resources and student clientele. As the State's smallest four-year college, MSC has an important goal of offering the citizens of the State a reasonably priced and quality small residential college experience which permits close personal monitoring of student accomplishments and performance. A continuing goal for Mayville State College faculty and staff is to put meaning into our motto, "The School of Personal Service." Mayville State College has played a significant role in the State's public education system by providing educational opportunities for many students who otherwise might not have attended college. Many Mayville State students are "first generation" students, the first members of a family to go to college. The majority of our students have come primarily from lower and middle income families who live in small rural communities. For them, the transition from a small high school to a small college has been made with relative ease.

2. New activities undertaken during 1981-82 include a new four-year degree in Computer Studies. The MSC Foundation, the colleges tax exempt development arm created our initial full-time alumni executive director, funded entirely from donated funds.

3. Activities deleted include a number of discontinued programs which were the result of a two year study which involved faculty, staff, community, and alumni members in a major long range planning and program evaluation project. The results of this effort led to recommendation by the college Faculty Association to drop courses and majors. This action was later recommended by the administration to the Board of Higher Education which approved the cuts. The following programs were deleted effective September, 1982:

DELETED MAJORS

1. Literature and Language Arts
2. Speech and Drama
3. Public School Music
4. Science for Elementary Teachers
5. Social Science (Behavior Emphasis)
6. Social Work (with UND)

DELETED MINORS & ASSOCIATE PROGRAMS

1. German
2. Communication Education
3. Court Reporting (AA)
4. Stenographics (AA)
5. Physical Education (AA)
6. Library Science (AA to minor)

In addition, 111 credit hours of courses were dropped from the catalogue.

4. Major goals of the institution include the following statement from the current catalogue:

a. To provide an environment in which the students are able to develop intellectually in the best tradition of the liberal arts education.

b. To assist students to develop skills, attitudes, and knowledge in order for them to become professionally proficient, socially effective and capable of achieving their maximum self-realization.

c. To determine what type of service will best serve the needs of the local community, the surrounding area, and the entire state; and then, consistent with its resources and goals, provide this service.

The following programs are designed to carry out the mission of the College.

MAYVILLE STATE COLLEGE
TABLE I

College Program Fall Quarter 1983

As part of our curriculum development and refinement work during the past few months we have reorganized the major and minor programs. The 1980-82 Mayville State College Catalog offered 35 separate major and 40 different minor programs. The 1982-84 Catalog will present 16 separate majors and 29 different minor programs, a number we believe is more realistic and defensible in view of our authorized full-time equivalent faculty (49). The reorganized major/minor programs follow:

MAJORS

1. ART (will discontinue in 1984)
   - Option 1. Visual Art
   - Option 2. Visual Art with Specialization
   - Option 3. Art Education
2. BIOLOGY
   - Option 1. Biology
   - Option 2. Composite
3. BUSINESS EDUCATION
4. ADMINISTRATIVE OFFICE SERVICES
5. BUSINESS ADMINISTRATION
6. CHEMISTRY
   - Option 1. Chemistry
   - Option 2. Chemistry
   - Option 3. Composite
7. ELEMENTARY EDUCATION
8. ENGLISH
9. PHYSICAL EDUCATION
10. HEALTH EDUCATION
11. MATHEMATICS
    - Option 1. Mathematics
    - Option 2. Mathematics
12. COMPUTER STUDIES
13. MUSIC
    - Option 1. Instrumental Supervision
    - Option 2. Vocal Supervision
    - Option 3. Composite
    - Option 4. Elementary Music
14. PHYSICAL SCIENCE
15. SCIENCE
    - Option 1. General
    - Option 2. Physical
    - Option 3. Composite
    - Option 4. Junior High
16. SOCIAL SCIENCE
    - Option 1. Social Science
    - Option 2. Social Science
    - Option 3. Social Science and Geography

MINORS

1. Art
2. Art Education
3. Biology
4. Business Education
5. Accounting
6. Chemistry
7. Early Childhood Education
8. English
9. Geography
10. Physical Education
11. Recreational Leadership
12. Coaching - Men
13. Coaching - Women
14. Health Education
15. Driver Education
16. Library Science
17. Mathematics
18. Computer Studies
19. Music - Vocal Supervision
20. Music - Instrumental Supervision
21. Physical Science
22. Physics
23. Physics
24. General Science
25. Earth Science
26. Science for Elementary Teachers
27. Social Science
28. Sociology
29. Speech

B. EVALUATION

1. Accomplishments, results, changes and activities.

a. Planning. Continued the task of refining and developing the planning efforts begun in 1979-81. And developed a planning process which is annual, cyclical, and continuous.

b. Curriculum. Continued a rigorous self-examination of the curriculum. Results included dropping 34 courses, developing 23 new courses, and modifying 51 other courses. A Computer Studies major was introduced in 1982 which enrolled 36 majors 56 minors in the Fall of 1983. The College now offers 15 majors, 29 minors, and 7 Associate of Arts programs. The statistical information which follows as Table II evidences the historical record of curriculum development activities and changing student interests/needs at Mayville State for the past ten years. Of particular interest is:

i. The recent dramatic rise in interest on the part of students in accounting;

ii. An increase in business administration majors to the point where it rivals in numbers those students declaring a major in Elementary Education, one of our traditional programs. In reality, it is our single largest program since the 162 Elementary Education majors includes about 30 non-traditional, off-campus students whose graduation in 1984 will reduce enrollment in that major to about 130 students, significantly fewer than we anticipate in business administration.

iii. The new major which we reported in the last biennial report has proven to be attractive to students. Enrollment in the first year of the program was 18, in the second 36. Enrollment in the computer studies minor has increased even more dramatically.

iv. The increase of mathematics majors in 1983 is encouraging because of the shortage of persons prepared in the field in nearly every part of society. The figure is too recent to establish a trend.

c. General Education. The general education component has been refined through the addition of a computer literary requirement and through evaluation of certain existing components.

d. Reorganization. Completed and implemented a plan for internal reorganization resulting in improved manpower efficiency.

e. Faculty Handbook. Updated the Faculty Handbook including a reorganization of the interval policy-making organization.

MAYVILLE STATE COLLEGE

Table II
Baccalaureate Majors/Minors

Includes Fall Quarter formally accepted and self-declared majors and minors.

	1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983	
# Accounting														13		25		18		52		56
Administrative Office Services																			1		4	
# Art	17	4	8	1	13	4	10	7	12	12	14	7	14	7	16	8	14	5	* 12		5	8
Biology																	12	5	10	8	8	10
Business Administration	47		71		77		75		94		115		121		107		103		124		154	
Business Education	38	24	14	20	45	27	55	6	62	18	29	21	21	19	35	14	33	13	34	17	27	13
Chemistry																	5	1	6	2	4	1
# Coaching										27		25		18		14		16		30		22
Computer Studies														8		21		20	**18	13	36	56
# Driver Education										8		9		11		7		7		8		15
# Early Childhood Education										23		30		35		28		20		31		35
# Earth Science																		1		2		
Elementary Education	161		140		151		217		158		201		182		123		127		130		162	
English	23	9	21	6	22	10	21	5	23	7	16	5	20	7	18	7	17	3	16	3	24	7
# General Science																		3				3
# Geography																		3		1		
Health Education				23		29		18		30		31	**	13		13		13	5	13	5	10
# Library Science		30		21		19		19		24		22		21		10		3		3		6
Mathematics	43	21	28	19	26	10	25	7	26	10	25	12	19	6	16	7	24	7	16	19	31	22
Music	42	12	30	10	41	12	37	6	34	11	28	13	27	8	22	4	30	3	26	12	25	16
# Physics																		1		2		3
Physical Education	85	20	68	18	71	40	78	41	106	21	105	30	81	34	79	35	77	35	73	43	64	51
Physical Science (B.S.)																			2		1	
# Psychology		23		25		29		26		34		26		17		8		11		11		10
# Recreation Leadership		10		3		6		4		4		5		5		3		3		6		7
Science (B.S. Ed.)	33	21	16	20	22	24	31	14	31	6	25	5	23	5	26	10	12	7	7	4	6	6
# Science for Elementary Teachers																			1	1	1	1
Social Science	23	27	32	14	44	24	36	21	51	25	40	60	56	33	43	22	35	10	35	10	37	7
# Sociology																		3		4		6
# Speech/Drama		13		10	2	6	7	8	12	5	8	1	10	2	4	2	3	2	* 4	5	3	9

* - Dropped
** - Added
# - Minor Only

e. Enrollment. Enrollment has continued to increase each fall quarter since 1980.

Year	Headcount	FTE Enrollment
1980	652	605
1981	675	635
1982	694	663
1983	759	737

f. Accreditation. Full accreditation of the teacher education program was continued in 1981 by the National Council for the Accreditation of Teacher Education. Institutional review by the North Central Association occurs in 1986. Planning for that review has begun.

g. Faculty status. Current faculty status is exhibited on charts which follow immediately.

Table III - Regular Faculty Tenure Status

Table IV - Faculty Status By Rank

Table V - Average Salaries and Ranges

Table VI - Faculty By Level of Preparation

MAYVILLE STATE COLLEGE
REGULAR FACULTY TENURE STATUS
1980 - 1984
FALL QUARTERS
TABLE III

	Number of Ranked Faculty	Number of Tenured Faculty	Percentage of Tenured Faculty
1980 - 1981	39	19	.49
1981 - 1982	42	21	.50
1982 - 1983	42	26	.62
1983 - 1984	39	27	.69

FACULTY STATUS BY RANK
HEADCOUNT (FTE)[PERCENT]
1980 - 1985
FALL QUARTERS
TABLE IV

	1980	1981	1982	1983
Professor	11(11.00)[.189]	13(13.00)[.224]	13(13.00)[.240]	13(13.00)[.228]
Associate Professor	7(7.00)[.120]	8(8.00)[.137]	11(10.50)[.203]	9(8.50)[.157]
Assistant Professor	17(16.50)[.293]	16(15.50)[.275]	13(13.00)[.240]	16(16.00)[.280]
Instructor	3(3.00)[.051]	5(5.00)[.086]	2(2.00)[.037]	1(1.00)[.017]
Non-Tenure Appointment (Lecturer, etc.)	20(7.73)[.344]	16(4.13)[.275]	15(5.19)[.277]	18(6.50)[.315]
TOTALS	58(45.23)[.997]	58(45.63)[.997]	54(43.69)[.997]	57(45.00)[.997]

MAYVILLE STATE COLLEGE
AVERAGE SALARIES AND RANGES
NINE-MONTH, FULL-TIME, RANKED FACULTY
TABLE V

Rank		1982 - 1983		1982 - 1983		1983 - 1984	
		Local	National*	Local	National*	Local	National*
Professor	Range	$23,249-$33,000	-----	$24,412-$34,290	-----	$23,400-$34,290	-----
	Average	$28,551	$26,585	$29,801	$30,770	$29,723	
Associate Professor	Range	$20,547-$29,000	-----	$21,260-$30,285	-----	$20,805-$30,285	-----
	Average	$24,130	$21,420	$25,009	$25,530	$25,022	
Assistant Professor	Range	$15,700-$24,500	-----	$17,000-$25,500	-----	$17,000-$25,500	-----
	Average	$20,030	$18,050	$21,059	$21,550	$21,165	
Instructor	Range	$16,000-$18,900	-----	$16,800-$18,800	-----	-----	-----
	Average	$17,475	$14,985	$17,800	$18,240	-----	

* Sources: The Chronicle of Higher Education, Annual AAUP salary survey, category IIB, public institutions.

It is evident that our faculty salaries are increasingly falling behind that of similar institutions in the regional and national markets. Mayville State College lost four key faculty at the end of 1982-83 year due largely to financial reasons and the prospect for no raises for two years. These were in the areas of music(2), chemistry(1) and computer studies(1).

FULL-TIME AND PART-TIME FACULTY
LEVEL OF PREPARATION (PERCENTAGE)
FALL QUARTERS
TABLE VI

Degree	1981 - 1982		1982 - 1983		1983 - 1984	
	Number	Percent	Number	Percent	Number	Percent
Doctorate	20	.34	20	.37	19	.33
Ed. Specialist	1	.02	1	.02	1	.02
Master's	28	.48	27	.50	27	.47
Bachelor's	9	.16	5	.11	10	.18
Totals	58		53		57	

3. Problems & Future Directions.

a. Future Directions. We expect that Mayville State will continue to grow in enrollment but at the same time we recognize the impact the economy and changing student interests can have in this area. A very great deal will depend upon whether we are allowed to respond to the changing needs of students in our region as those emerge in the future.

Likewise, we recognize the need to foster faculty development projects during a time of fairly stable enrollments and decreasing opportunities for faculty mobility. Mayville State joined with the other three state colleges in 1981 - 82 in successfully applying to the Bush Foundation for a faculty development grant. This approved grant is now funded through 1986. In all likelihood, efforts to secure non-appropriated funds to support future faculty development projects will be necessary.

b. Problems.

1. Adequate and competitive compensation for all employees.
2. Determining a proper course for curriculum development in view of recent decisions in this area by the Board of Higher Education.

4. SHORT- & LONG-RANGE PLANS

a. Prepare for the North Central Accreditation visit in 1986.

b. Continue to develop courses to better serve students within existing programs.

c. Continue to work on the local and state levels to improve the quality of pre-collegiate educational programs.

d. Continue to evaluate at least two academic programs each year for the next three years under provisions of the Bush Foundation Faculty Development Grant.

e. Continue the Faculty Writing and Small Grant programs for the next three years under provisions of the Bush Foundation Faculty Development Grant.

ENROLLMENT REPORT BY CLASSES (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Freshmen	242	196
Sophomores	161	172
Juniors	105	143
Seniors	97	129
Graduates		
Special or Unclassified	65	55
TOTAL	675	694
Extension	90	186

ENROLLMENT REPORT BY CURRICULA (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Major Subject Area:		
No Major Listed/Undecided	100	51
Administrative Office Services	0	1
Art	14	12
Biology	12	10
Business Administration	108	124
Business Education	38	34
Chemistry	5	6
Composite Science	10	2
Computer Studies	0	18
Elementary Education	127	166
Elementary Science	0	1
English Education	17	16
Executive Secretarial Science	1	1
General Science	1	0
Health Education	5	5
Jr. High School Science	1	1
Liberal Arts	34	0
Mathematics Education	24	16
Music Education	30	26
Physics	0	1
Physical Education	72	73
Physical Science	0	1
Pre-Nursing	0	2
Pre-Professional	0	16
Science Education	0	3
Social Science Education	35	35
Speech and Drama	3	4

Some students have double majors and are listed under both.

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Two-Year Degrees:		
Accounting	9	10
Business Management	0	21
Child Care Specialist	23	18
Court Reporting	6	0
Data Processing	8	10
General Business	35	7
Information Processing	0	3
Legal Secretary	6	5
Library Science	1	0
Medical Secretary	5	2
Real Estate	0	0
Secretarial Science	4	0
TOTALS	105	69
** One-Year Business Cert. Secretarial Science	8	3

MAYVILLE STATE COLLEGE
BALANCE SHEET
JUNE 30, 1983
With Comparative Figures at June 30, 1982

ASSETS	Current Year	Prior Year
Current Funds:		
Unrestricted:		
Cash	219,187.81	71,650.29
Accounts Receivable	11,148.88	4,493.51
Less Allowance for Uncollectible Accounts	(802.39)	(890.16)
State Appropriations Receivable	1750.00	23,590.54
Interest Receivable	50,922.23	53,669.84
Total Unrestricted	282,206.53	152,514.02
Auxiliaries:		
Cash	36,965.77	59,358.94
Accounts Receivable	6,366.45	2,697.66
Less Allowance for Uncollectible Accounts	-0-	(41.75)
Inventories	85,355.02	80,855.43
Notes Receivable	-0-	200.00
Total Auxiliaries	128,687.24	143,070.28
Restricted:		
Cash	(15,832.60)	13,150.54
Accounts Receivable	2665.63	18,442.71
Total Restricted	(13,166.97)	31,593.25
Total Current Funds	397,726.80	327,177.55
Loan Funds:		
Cash and Investments	43,920.44	45,894.39
Notes Receivable	535,197.47	524,070.65
NSF Checks Receivable	5.83	540.00
Total Loan Funds	579,123.74	570,505.04
Endowment Funds:		
Cash-Savings	3,474.38	3,175.56
Investments	297,210.36	371,175.64
Total Endowment Funds	300,684.74	374,351.20
Plant Funds:		
Unexpended:		
Cash	-0-	-0-
Receivable from General Fund	-0-	-0-
Total Unexpended	-0-	-0-
Renewals and Replacements:		
Investment	31,340.33	28,913.51
Cash on Deposit with Trustees	457.92	493.42
Total Renewals and Replacements	31,798.25	29,406.93
Retirement of Indebtedness:		
Investments	152,590.87	130,180.18
Cash on Deposit with Trustees	11,907.95	7,626.13
Total Retirement of Indebtedness	164,498.82	137,806.31
Investment in Plant:		
Land	23,500.00	23,500.00
Buildings	5,860,959.81	5,848,715.75
Land Improvements	277,702.98	277,115.44
Equipment	1,028,297.23	886,767.39
Library Books	938,648.64	908,086.76
Total Investment in Plant	8,129,108.66	7,944,185.34
Total Plant Funds	8,325,405.73	8,111,398.58
Agency Funds:		
Cash	85,880.11	55,641.77
Accounts Receivable	174.96	174.96
Total Agency Funds	86,055.07	55,816.73
TOTAL ALL FUNDS	9,688,996.08	9,439,249.10

MAYVILLE STATE COLLEGE
BALANCE SHEET
JUNE 30, 1983
With Comparative figures at June 30, 1982

LIABILITIES AND EQUITIES	Current Year	Prior Year
Current Funds:		
Unrestricted		
Accounts Payable	158,165.07	35,639.19
Salaries Payable	25,746.81	16,439.81
Fund Balance	98,294.65	100,435.02
Total Unrestricted	282,206.53	152,514.02
Auxiliaries:		
Accounts payable	17,708.77	1,102.66
Sales Tax Payable	729.36	407.64
Salaries Payable	7,370.26	6,103.33
Fund Balance	102,878.85	135,456.65
Total Auxiliaries	128,687.24	143,070.28
Restricted:		
Due to other Funds	106.90	
Accounts Payable	19.34	101.00
Salaries Payable	1,001.43	4,195.39
Fund Balance	(14,294.64)	27,296.86
Total Restricted	(13,166.97)	31,593.25
Total Current Funds	397,726.80	327,177.55
Loan Funds:		
Accounts Payable	235.53	25.00
Institutional Fund Balance	24,245.55	25,232.73
National Direct Student Loan Fund Balance	554,642.66	545,247.31
Total Loan Funds	579,123.74	570,505.04
Endowment Funds:		
Endowment Fund Balance	9,013.11	101,646.38
Quasi-Endowment Fund Balance-Unrestricted	291,671.63	272,704.82
Total Endowment Funds	300,684.74	374,351.20
Plant Funds:		
Unexpended:		
Accounts Payable	-0-	-0-
Fund Balance	-0-	-0-
Total Unexpended	-0-	-0-
Renewals and Replacements:		
Fund Balance	31,798.25	29,406.93
Total Renewals and Replacements	31,798.25	29,406.93
Retirement of Indebtedness:		
Fund Balance	164,498.82	137,806.31
Total Retirement of Indebtedness	164,498.82	187,806.31
Investment in Plant:		
Bonds Payable	1,054,000.00	1,097,000.00
Net Investment in Plant	7,075,108.66	6,847,185.34
Total Investment in Plant	8,129,108.66	7,944,185.35
Total Plant Funds	8,325,405.73	8,111,398.58
Agency Funds:		
Deposits	1,062.48	4,179.71
Accounts Payable	10,642.61	289.14
Temporary Payroll Accounts	72,791.15	44,773.73
Fund Balance	1,558.83	6,574.15
Total Agency Funds	86,055.07	55,816.73
TOTAL ALL FUNDS	9,688,996.08	9,439,249.10

MAYVILLE STATE COLLEGE
STATEMENT OF CURRENT FUNDS REVENUE, EXPENDITURES, AND OTHER CHANGES
YEAR ENDED JUNE 30, 1983

	Current			Prior
	Unrestricted	Restricted	Total	Year Total
Revenues:				
Tuition and Fees	580,640.79	-0-	580,640.79	491,933.56
State Appropriations	5,970,891.22	-0-	2,970,891.22	2,544,224.06
Federal Grants and Contracts	7,488.71	425,413.09	432,901.80	181,414.09
State Grants and Contracts	3,789.35	-0-	3,789.35	-0-
Private Gifts, Grants and Contracts	23,298.38	102,754.05	126,052.43	91,846.26
Endowment Income	114,971.49	-0-	114,971.49	102,814.35
Sales and Services of Educational Departments	71,363.01	-0-	71,363.01	67,065.99
Sales and Services of Auxiliary Enterprises	842,933.44	-0-	842,933.44	798,987.46
TOTAL REVENUES	4,615,376.39	528,167.14	5,143,543.53	4,278,285.77
Expenditures and Mandatory Transfers:				
Educational and General				
Instruction	1,663,296.40	53,854.56	1,717,150.96	1,601,630.36
Research	-0-	-0-	-0-	-0-
Public Service	-0-	-0-	-0-	-0-
Academic Support	309,520.13	9,261.61	318,781.74	292,672.18
Student Services	528,414.93	5,919.93	534,334.86	333,697.38
Institutional Support	344,650.07	17,186.04	361,836.11	278,352.43
Operation and Maintenance of Plant	819,997.10	11,446.95	831,444.05	746,651.23
Scholarships and Fellowship	-0-	430,498.05	430,498.05	211,091.76
TOTAL EDUCATION AND GENERAL EXPENDITURES	3,665,878.63	528,167.14	4,194,045.77	3,464,095.34
Mandatory Transfers for:				
Principal and Interest	-0-	-0-	-0-	-0-
Renewals and Replacements	-0-	-0-	-0-	-0-
Loan Fund Matching Grants	-0-	-0-	-0-	-0-
TOTAL EDUCATIONAL AND GENERAL	3,665,878.63	528,167.14	4,194,045.77	3,464,095.34
Auxiliary				
Expenditures	795,872.03	-0-	795,872.03	697,270.64
Mandatory Transfers for:				
Principal and Interest	89,047.31	-0-	89,047.31	69,874.47
Renewal and Replacements	-0-	-0-	-0-	-0-
TOTAL AUXILIARY ENTERPRISES	884,919.34	-0-	884,919.34	767,145.11
Waivers	49,076.67	-0-	49,076.67	-0-
Land Expense	2,911.73	-0-	2,911.73	2,672.50
Tuition & Fees Refunds	-0-	-0-	-0-	-0-
TOTAL EXPENDITURES AND MANDATORY TRANSF.	4,602,786.37	528,167.14	5,130,953.51	4,233,912.95
Other Transfers and Additions/Deletions:				
Excess of Restricted Revenue over Receipts	-0-	(6,995.73)	(6,995.73)	(7,090.30)
Transfers-Endowment Funds	(28,500.00)	-0-	(28,500.00)	(21,180.29)
Interfund Transfers	5,597.64	(3,455.62)	2,142.02	-0-
Other Additions/(Deductions)	(22,405.83)	(31,140.15)	(53,545.98)	(12,744.25)
Transfers-Plant Funds	-0-	-0-	-0-	15,750.00
NET INCREASE IN FUND BALANCES	(32,718.17)	(41,591.50)	(74,309.67)	(2,392.02)

MAYVILLE STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1983

	Current Funds				Plant Funds			
	Unrestricted	Restricted	Loan Funds	Endow Funds	Unexp.	Renew & Replace	Retire of Debt	Invest in Plant
Revenues and Other Additions:								
Education and General Revenues	$3,756,510.97	$521,171.41	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprise Revenues	858,865.42	-0-	-0-	-0-	-0-	-0-	-0-	-0-
State Appropriation	-0-	-0-	1,905.00	-0-	-0-	-0-	-0-	-0-
Federal Grants and Contracts	-0-	-0-	17,149.00	-0-	13,348.64	-0-	-0-	-0-
State Grants and Contracts	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Private Gifts, Grants and Contracts	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Expended for Plant Facilities	-0-	-0-	-0-	-0-	-0-	-0-	-0-	195,605.92
Retirement of Indebtedness	-0-	-0-	-0-	-0-	-0-	-0-	-0-	4,000.00
Interest Income	-0-	-0-	5,771.00	13,783.95	-0-	-0-	-0-	-0-
Investment Income	-0-	-0-	-0-	-0-	-0-	2,391.32	16,613.83	-0-
Various other Additions	-0-	3,911.63	3,243.00	-0-	-0-	-0-	-0-	-0-
TOTAL REVENUE AND OTHER ADDITIONS	4,615,376.39	525,083.04	28,068.00	13,783.95	13,348.64	2,391.32	16,613.83	238,605.92
Expenditures and Other Deductions:								
Education and General Expenditures	$3,717,867.03	$528,167.14	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Auxiliary Enterprise Expenditures	795,872.03	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Retirement of Indebtedness	-0-	-0-	-0-	-0-	-0-	-0-	43,000.00	-0-
Administrative and Collections Costs	-0-	-0-	6,124.11	-0-	-0-	-0-	-0-	-0-
Death Cancellations	-0-	-0-	80.00	-0-	-0-	-0-	-0-	-0-
Teaching Cancellations	-0-	-0-	6,671.98	-0-	-0-	-0-	-0-	-0-
Bankruptcy Cancellations	-0-	-0-	5,094.87	-0-	-0-	-0-	-0-	-0-
Interest Expense	-0-	-0-	-0-	-0-	517.04	-0-	35,968.63	-0-
Other Cancellations	-0-	-0-	1,148.87	-0-	-0-	-0-	-0-	-0-
Interest Forfeitures	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Expended for Plant Facilities	-0-	-0-	-0-	-0-	12,831.60	-0-	-0-	-0-
Plant and Equipment Deletions	-0-	-0-	-0-	-0-	-0-	-0-	-0-	10,682.60
Various other Deductions	22,405.83	35,051.78	540.00	113,808.39	-0-	-0-	-0-	-0-
TOTAL EXPEND. & OTHER DEDUCTIONS	4,536,144.89	563,218.92	19,659.83	113,808.39	13,348.64	-0-	78,968.63	10,682.60

MAYVILLE STATE COLLEGE
STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1983

	Current Funds				Plant Funds			
	Unrestricted	Restricted	Loan Funds	Endow Funds	Unexp.	Renew & Replace	Retire of Debt	Invest In Plant
Transfers Among Funds Additions/(Deductions):								
Mandatory:								
Principal and Interest	$ (89,047.31)	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$89,047.31	$ -0-
Renewals and Replacements	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Loan Fund Matching Grant	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Interfund Transfers	(22,902.36)	(3,455.62)	-0-	26,357.98	-0-	-0-	-0-	-0-
Various Other Transfers	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
TOTAL TRANSFERS	(111,949.67)	(3,455.62)		26,357.98	-0-	-0-	89,047.31	-0-
NET INCREASE/(DECREASE FOR THE YEAR)	(32,718.17)	(41,591.50)	8,408.17	(73,666.46)	-0-	2,391.32	26,692.51	227,923.32
FUND BALANCE AT BEGINNING OF YEAR	233,891.67	27,296.86	570,480.04	374,351.20	-0-	29,406.93	137,806.31	6,847,185.34
FUND BALANCE AT END OF YEAR	$201,173.50	($14,294.64)	$578,888.21	$300,684.74	-0-	$31,798.25	$164,498.82	7,075,108.66

MAYVILLE STATE COLLEGE
STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

OBJECT	1981-82 Appropriation	Transfers	FY 1982 Expenditures	FY 1983 Expenditures	Balance 6-3-83
Salaries & Wages	$4,983,420.00	($241,756.00)	$2,264,069.00	$2,433,213.78	$44,381.22
Operating Expenses	1,754,512.00	-0-	746,595.98	975,219.75	32,696.27
Equipment	164,715.00	(10,449.00)	56,604.05	97,621.86	40.09
TOTAL EDUCATION & GENERAL	$6,902,647.00	($252,205.00)	3,067,269.03	3,506,055.39	77,117.58
Plant Improvements	$ 92,000.00	$ 74,225.00	11,183.56	11,598.64	143,442.80
Handi-Capped Access.	-0-	9,133.00	-0-	1,750.00	7,383.00
GRAND TOTAL	$6,994,647.00	($168,847.00)	3,078,452.59	3,519,404.03	227,943.38

NORTH DAKOTA STATE SCHOOL OF SCIENCE
BIENNIAL REPORT

JULY 1, 1981 - JUNE 30, 1983

CLAIR T. BLIKRE, PRESIDENT

The North Dakota State School of Science, located at Wahpeton, North Dakota, per Chapter 15-15-02, shall furnish instruction in the pure and applied sciences, mathematics, languages, political science, and history, as usually offered in schools of technology below the junior year. Its chief object shall be the training of skilled workmen in the most practical phases of applied science. A general science course consisting of three years' instruction above the high school course may be offered. Upon completion of either of the above courses, the State Board of Higher Education and the faculty of the College may grant appropriate certificates.

A. FUNCTION:

1. The following mission, philosophy, and purposes prescribes the responsibilities, implied by legislative act, under which the College functions:
   a. The Mission of the North Dakota State School of Science: The North Dakota State School of Science is a fully-accredited, state-supported, open door, two-year comprehensive college with state-wide responsibilities that provides curriculums and activities to meet the needs of each student as well as those of contemporary society.
   b. The Philosophy of the North Dakota State School of Science: The College is committed to a philosophy that provides for the varied (educational) needs of each person through competent faculty, curriculum programs, and educational experiences so that each student has the opportunity to develop to full potential, to seek and obtain gainful employment, and to make satisfactory progress therein. The method used to obtain this goal is exemplified by the practice: "Where Students Learn By Doing."
   c. The Purposes of the North Dakota State School of Science:
      (1) To provide the opportunity for students with varying interests and abilities to develop to their full potential;
      (2) To provide for a comprehensive yet flexible developmental and educational program;
      (3) To provide activities and experiences that instill an appreciation for the world of work, respect for others, and preparation for effective citizenship in a technological society;
      (4) To provide transfer programs consisting of the first two years of studies leading to the baccalaureate degree;
      (5) To provide occupational programs to prepare students for jobs that require varied levels of ability;
      (6) To provide continuing education programs for all persons who desire training or retraining;
      (7) To provide short courses, seminars, and workshops that will meet the adult, industrial, and service needs; and
      (8) To provide inservice teacher preparation on a continuous basis to the College personnel and to occupational teachers in other educational institutions.

2. New activities assumed during the biennium are reflected in the long-range plans and accomplishments information which are a part of this report.

3. No activities were deleted during the previous biennium.

4. Programs and activities conducted during the biennium are expressed through the enumerated long-range goals and program offerings listed below:
   a. The long-range goals of the institution include:
      (1) Provided the educational and administrative leadership so that programs and activities were performed in an effective manner;
      (2) Attracted and retained the number of students compatible with the purposes of the institution;
      (3) Provided instructional programs and activities that offered students opportunities for maximum growth and development;
      (4) Provided greater access and program assistance for the handicapped students;
      (5) Maintained a qualified faculty and staff for varied programs;
      (6) Refined the Faculty Development Program to better assure relevant instructional procedures;
      (7) Maintained an adequate budget that provided for necessary instructional and related services;
      (8) Completed the construction of a cultural center with private funds provided by Alumni and friends;
      (9) Increased the amount of private donations for student loans and scholarships;
      (10) Expanded the opportunities for people of all ages in both credit and non-credit courses through Continuing Education;
      (11) Promoted opportunities for students of either sex to enroll in programs considered non-traditional for that group;
      (12) Assured that affirmative action, equal employment opportunity, and federal and state guidelines are met when employing personnel;
      (13) Improved cost-analysis information relative to program costs;
      (14) Remodeled existing facilities to provide for micro-computers and computer terminals;
      (15) Provided follow-up studies to graduates and employers regarding the quality of programs, equipment needs, and suggestions for improvement.
      (16) Provided an extensive intra-mural and recreational program for students;
      (17) Developed brochures/information programs on all aspects of the College, student life, programs of instruction, and job placement;
      (18) Continued to develop publicity information to develop greater public understanding of the College;
      (19) Utilized priority plans to better fulfill the mission and purposes of the institution; and
      (20) Made every effort to assure that the College operates effectively in this highly-technological society.

NORTH DAKOTA STATE SCHOOL OF SCIENCE
Wahpeton, ND 58075

Instructional Programs

ARTS AND SCIENCE DIVISION
Journalism-Printing
Liberal Arts
Music
Pre-Education
Pre-Industrial Arts
Pre-Law
Pre-Law Enforcement
Pre-Wildlife Management
Engineer related:
--Architecture (9 months)
--Pre-Engineering
Medical related:
--Dental Assisting (10 months)
--Dental Hygiene
--Occupational Therapy Assistant
--Practical Nursing (46 weeks)
--Pre-Chiropractic
--Pre-Dental
--Pre-Medical
--Pre-Medical Technology
--Pre-Nursing (9 months)
--Pre-Optometry
--Pre-Pharmacy

BUSINESS DIVISION
Accounting:
--Accounting
Agri-Business:
--Agri. Mechanics/Farm Business Mgmt.
--Agri. Sales and Service
Data Processing:
--Computer Operator (9 months)
--Computer Programmer
--Computer Science
--Data Entry Operator (3 months)
Marketing and Management:
--Business Administration
--Business Aviation
--Business Management
--Cook and Chef Technology
--Distributive Education
--Insurance and Real Estate Management
--Management/Supervisor (9 months)
--Supermarket Management
Secretarial:
--General Office (9 and 18 months)
--Legal Secretarial
--Medical Records Technician
--Medical Secretarial
--Secretarial Arts
--Stenographic and Secretarial
  (9 and 18 months)
--Word Processing Specialist

TECHNICAL DIVISION
Architectural Drafting/Estimating Technology
Civil Engineering Technology
Electrical Technology
  (10 week summer options):
  Electric Motor Repair
  Instrumentation
Electronic Technology
  2nd year options:
  --Industrial Electronics
  --Computer Systems
  --Communication Systems
  --Electronic Servicing
  Instrumentation (10 week summer option)
Mechanical Drafting/Design Technology
Petroleum Technology
Refrigeration/Air Conditioning Technology

TRADES DIVISION
Auto Body:
--Auto Body Repair and Refinishing
--Upholstery (9 months)
Automotive:
--Auto and Diesel Mechanics
--Parts Training (9 months)
--Recreational Engine Servicing (9 months)
Diesel:
--Diesel Mechanics
--Agricultural Equipment Maintenance (5 months)
Environmental Systems:
--Cooling/Heating Equipment Service (9 months)
--Plumbing (9 months)
--Sheet Metal (9 months)
Graphic Arts (Printing)
Machine Tooling:
--Basic Machinist (9 months)
  2nd year options:
  --Advanced Machinist
  --Machine Shop/Welding Service/Repair
  --Tool Making (Plastic Mold Making/Die Making)
Welding (9 months)
  2nd year option:
  --Machine Shop/Welding Service/Repair

(All curriculums 18 months unless indicated)

B. EVALUATION:

1. The following major projects and programs were achieved during the 1981-83 biennium:
    - a. Continued to enroll a record number of students;
    - b. Employed a new vice-president for Academic Affairs and a dean for the Arts, Science, and Pre-Professional Division;
    - c. Evaluated several curriculum departments to assure relevance with the 1980's;
    - d. Participated in the Sun Oil Fuel Development Project with several state-wide farmers and the North Dakota State University;
    - e. Provided special instructional assistance in Mathematics, Reading, and English to students who needed such to successfully complete their chosen program;
    - f. Awarded a record amount of financial aid to students;
    - g. Completed a building addition for the Petroleum Technology and Recreational Engine Servicing Programs;
    - h. Remodeled the second floor of the former Auditorium for the Occupational Therapy Assistant Program;
    - i. Remodeled the northwest corner of the Student Center for a Health Center;
    - j. Removed the old Maintenance and Health Center buildings from the Campus to provide for a new building;
    - k. Secured two-million dollars from Alumni and friends for the construction of a Cultural Center;
    - l. Completed construction of the Cultural Center which contains an auditorium and practice and performance facilities for music and drama;
    - m. Completed the remodeling project for the Student Services Division to provide for a modern office enviroment;
    - n. Installed computerized student records program;
    - o. Installed standby generator to assure facilities are maintained if regular heating system fails;
    - p. Implemented the computerized payroll and personnel system;
    - q. Implemented the "Word Processing Program;"
    - r. Received national recognition for outstanding training programs with Business/Industry;
    - s. Implemented the Petroleum Technology Program to provide technicians for the Oil Industry;
    - t. Recognized by the National Small Business Network foran outstanding model training program;
    - u. Offered, through the Continuing Education Division, retraining and upgrading educational programs to persons throughout North Dakota;
    - v. Received a 1.2 million dollar bequest from the estate of Marjorie "Madge" Vertin for student loans;
    - w. Upgraded the computer system to an IBM 4331, Model 2, and modified software to assure instructional relevance and to meet student needs;
    - x. Installed a central automated energy control system to better facilitate the energy conservation program throughout the Campus; and
    - y. Continued to update numerous college publications, hosted many visitors and meetings, and distributed many news stories to the media to assure public of better understanding and awareness of the College and its designated role.

ENROLLMENT REPORT BY CLASSES (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Freshmen	2,277	2,265
Sophomores	1,095	1,120
Juniors	---	---
Seniors	---	---
Graduates	---	---
Special or Unclassified	50	13
TOTALS	3,422	3,398
Extension		
*Evening School	2,679	2,279
*Continuing Education	10,555	8,659
TOTALS	13,234	10,938

ENROLLMENT REPORT BY CURRICULA (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
By College or Major Subject Area		
*Arts, Science & Pre-Professional	582	585
*Business	953	1,006
*Technical	893	816
*Trades	994	991
TOTALS	3,422	3,398
Extension		
*Evening School	2,679	2,279
*Continuing Education	10,555	8,659
TOTALS	13,234	10,938

2. Identification of Trends in Direction for the Institution:
The College is committed to its mission and purposes and makes every effort to achieve them in the most effective and efficient manner. Long-range goals have been established and are updated yearly. Specific objectives are prepared yearly by/for the personnel and evaluated to assure that compliance and achievements result.

3. The Major Problems Include:
   *To achieve program control for all necessary post-secondary institutions so each institution operates within its prescribed mission and purposes;
   *To maintain institutional visability, student accessibility, and program quality;
   *To receive sufficient resources to adequately administer the total institution in an effective way;
   *To replace and construct new facilities to assure student educational opportunities prevail; and
   *To expand continuing education programs to meet retraining and upgrading needs of North Dakota people if they are to be prepared to compete in this technological society.

NORTH DAKOTA STATE SCHOOL OF SCIENCE
BALANCE SHEET
JUNE 30, 1983
WITH COMPARATIVE FIGURES AT JUNE 30, 1982

EXHIBIT A

ASSETS

	Current Year	Prior Year
Current Funds		
Unrestricted:		
Cash	$ 398,242.26	$ 446,161.16
Investments	482,680.92	418,053.01
Accounts Receivable	460.58	905.07
Tuition and Fee Receivable	29,412.81	
Inter-Dept. Accounts Receivable		15,612.62
State Appropriations Receivable	719,712.25	152,047.94
Inventories	7,379.19	2,844.70
Total Unrestricted Funds	$ 1,637,888.01	$ 1,035,624.50
Auxiliary:		
Cash	$ 438,131.81	$ 646,605.94
Investments	478,449.13	126,634.90
Accounts Receivable	12,678.35	7,719.62
Tuition and Fee Receivable	10,645.68	
Inventories	384,071.44	340,978.14
Other Current Assets	25,518.01	11,696.81
Total Auxiliary Enterprises	$ 1,349,494.42	$ 1,133,635.41
Restricted:		
Cash	$ (202,138.09)	$ (138,652.97)
Investments	4,165.02	3,330.76
Accrued Interest Receivable	1,177.48	5,213.17
Accounts Receivable	292,270.45	205,312.77
Inter-Dept. Accounts Receivable	525.38	
Other Current Assets	2,505.00	
Total Restricted Funds	$ 98,505.24	$ 75,203.73
TOTAL CURRENT FUNDS	$ 3,085,887.67	$ 2,244,463.64
Loan Funds:		
Cash	$ 95,197.14	$ 68,297.71
Notes Receivable	420,087.66	412,876.13
Deposited with U.S. Aid Fund, Inc.	3,094.00	3,094.00
Total Loan Funds	$ 518,378.80	$ 484,267.84
Endowment Funds:		
Cash	$	$ 3,881.38
Investments	102,055.81	90,006.35
Total Endowment Funds	$ 102,055.81	$ 93,887.73
Plant Funds:		
Cash	$ 51,040.87	$ 49,825.38
Investments	2,311,257.64	2,056,979.23
State Appropriations Receivable	4,269.96	34,974.82
Due from Other Funds	138,457.34	76,144.00
Land, Buildings, Equipment, Etc.	40,542,899.87	37,865,676.01
Total Plant Funds	$43,047,925.68	$40,083,599.44
Agency Funds:		
Cash	$ 30,990.55	$ 40,141.97
Investments	354,391.91	1,618,217.06
Accounts Receivable	9,234.94	43,064.73
Total Agency Funds	$ 394,617.40	$ 1,701,423.76
TOTAL ALL FUNDS	$47,148,865.36	$44,607,642.41

NORTH DAKOTA STATE SCHOOL OF SCIENCE
BALANCE SHEET
JUNE 30, 1983
WITH COMPARATIVE FIGURES AT JUNE 30, 1982

EXHIBIT A
(Cont.)

LIABILITIES

	Current Year	Prior Year
Current Funds		
Unrestricted:		
Accounts Payable	$ 115,939.07	$ 142,022.83
Salaries Payable	21,628.65	15,254.29
Sales Tax Payable	6,327.35	4,681.69
Payroll Withholding Payable	135,971.43	56,532.33
Deposits	291,838.37	
Fund Balances	1,066,183.14	817,133.36
Total Unrestricted Funds	$ 1,637,888.01	$ 1,035,624.50
Auxiliary:		
Accounts Payable	$ 4,641.94	$ 5,762.85
Salaries Payable	11,154.72	9,142.17
Sales Tax Payable	3,234.12	2,713.44
Payroll Withholding Payable		725.17
Deposits	84,956.93	86,081.48
Due to Other Funds	32,045.30	
Fund Balances	1,213,461.41	1,029,210.30
Total Auxiliary Enterprises	$ 1,349,494.42	$ 1,133,635.41
Restricted:		
Accounts Payable	$ 4,749.97	$ 2,476.45
Salaries Payable	1,078.01	263.68
Payroll Withholding Payable		29.09
Fund Balances	92,677.26	$ 72,434.51
Total Restricted Funds	$ 98,505.24	$ 75,203.73
TOTAL CURRENT FUNDS	$ 3,085,887.67	$ 2,244,463.64
Loan Funds:		
Institutional Loan Fund Balances	$ 71,470.07	$ 67,654.12
NDSL Fund Balance	446,908.73	416,613.72
Total Loan Funds	$ 518,378.80	$ 484,267.84
Endowment Funds:		
Endowment Fund Balances	$ 102,055.81	$ 93,887.73
Total Endowment Funds	$ 102,055.81	$ 93,887.73
Plant Funds:		
Accounts Payable	$ 128,387.30	$ 119,376.82
Bonds Payable	8,621,000.00	8,838,000.00
Renewal and Replacement Fund Balance	207,250.00	207,250.00
Retirement of Indeptedness Fund Balance	2,169,388.51	1,891,296.61
Investment In Plant	31,921,899.87	29,027,676.01
Total Plant Funds	$43,047,925.68	$40,083,599.44
Agency Funds:		
Accounts Payable	$ 322.45	$ 403.43
Salaries Payable	4,064.20	785.00
Payroll Withholding Payable		52.60
Due to Other Funds	106,412.04	76,144.00
Deposits Held In Custody for Others	283,818.71	1,624,038.73
Total Agency Funds	$ 394,617.40	$ 1,701,423.76
TOTAL ALL FUNDS	$47,148,865.36	$44,607,642.41

NORTH DAKOTA STATE SCHOOL OF SCIENCE
STATEMENT OF CURRENT FUNDS, REVENUE, EXPENDITURES AND OTHER CHARGES
YEAR ENDED JUNE 30, 1983

EXHIBIT B

	CURRENT YEAR				PRIOR YEAR
	UNRESTRICTED	AUXILIARY	RESTRICTED	TOTAL	TOTAL
REVENUES:					
TUITION AND FEES	$ 2,874,634.26	$ 39.30	$ 43,967.26	$ 2,918,640.82	$ 2,592,378.47
STATE APPROPRIATIONS	9,790,153.08			9,790,153.08	8,385,379.85
ENDOWMENT INCOME	154,900.00			154,900.00	146,100.00
FEDERAL GRANTS AND CONTRACTS	23,923.28		1,254,170.28	1,279,093.56	1,153,297.99
STATE GRANTS AND CONTRACTS	12,011.84		417,378.05	429,389.89	397,355.20
PRIVATE GIFTS, GRANTS & CONTRACTS	20,309.57		175,929.06	196,238.63	123,626.09
SALES AND SERVICES OF EDUCATIONAL DEPTS.	529,922.02		5,804.16	535,726.18	468,501.93
SALES AND SERVICES - OTHER DEPTS.	333,923.05		10,199.03	344,122.08	271,248.96
SALES AND SERVICES OF AUXILIARY ENTERPRISES		3,141,533.54		3,141,533.54	2,885,962.24
TOTAL REVENUES	$13,739,777.10	$3,141,572.84	$1,907,447.84	$18,788,797.78	$16,423,850.70
EXPENDITURES AND MANDATORY TRANSFER:					
EDUCATION AND GENERAL					
INSTRUCTION	$ 7,062,812.19	$	$ 723,257.04	$ 7,786,069.23	$ 7,293,770.82
RESEARCH			6,121.75	6,121.75	7,617.10
ACADEMIC SUPPORT	720,681.10		9,059.72	729,740.82	679,706.81
STUDENT SERVICES	762,175.47		50,908.58	813,084.05	759,702.70
INSTITUTIONAL SUPPORT	1,495,602.03		7,506.44	1,503,108.47	1,092,573.30
OPERATION OF PLANT	2,906,105.36		37,642.58	2,943,747.94	2,739,824.99
SCHOLARSHIPS AND FELLOWSHIPS			1,072,953.80	1,072,953.80	1,109,797.68
TOTAL EDUCATION AND GENERAL	$12,947,376.15		$1,907,449.91	$14,854,826.06	$13,682,993.43
MANDATORY TRANSFERS FOR:					
PRINCIPAL AND INTEREST	$ 24,000.00			$ 24,000.00	$ 73,567.77
TOTAL EDUCATION AND GENERAL	$12,971,376.15		$1,907,449.91	$14,878,826.06	$13,756,561.17
AUXILIARY ENTERPRISES:					
EXPENDITURES		$2,433,948.06		$ 2,433,948.06	$ 2,177,166.58
MANDATORY TRANSFERS FOR:					
PRINCIPAL AND INTEREST		555,560.13		555,560.13	657,871.65
TOTAL EXPENDITURES AND MANDATORY TRANSFERS	$12,971,376.15	$2,989,508.19	$1,907,449.91	$17,868,334.25	$16,591,599.40
OTHER TRANSFERS & ADDITIONS/(DEDUCTIONS):					
EXCESS OF RESTRICTED REVENUE OVER TRANSFERS TO REVENUE	$	$	$ 20,242.75	$ 20,242.75	$ 21,208.82
NON-MANDATORY TRANSFERS IN/(OUT)	1,874,982.17	32,186.46		1,907,168.63	2,164,059.54
RECLASSIFICATION OF FUND BALANCES	(281,503.37)			(281,503.37)	(25,541.28)
OTHER ADDITIONS/(DEDUCTIONS)			2.07	2.07	(381.03)
SUBMITTED FOR INSTITUTIONAL COLLECTIONS	(2,112,829.97)			(2,112,829.97)	(2,188,759.03)
NET INCREASE/(DECREASE) IN FUND BALANCES	$ 249,049.78	$ 184,251.11	$ 20,242.75	$ 453,543.64	$ (197,161.68)

NORTH DAKOTA STATE SCHOOL OF SCIENCE
STATEMENT OF CHANGES IN FUND BALANCES
YEAR ENDED JUNE 30, 1983

EXHIBIT C

	CURRENT FUNDS					PLANT FUNDS			
	UNRESTRICTED	AUXILIARY	RESTRICTED	LOAN FUNDS	ENDOWMENT FUNDS	UNEXPENDED	REPAIR & REPLACEMENT	RETIREMENT OF INDEBTEDNESS	INVESTMENT IN PLANT
REVENUES AND OTHER ADDITIONS:									
UNRESTRICTED CURRENT FUND REVENUES	$13,739,777.10	$	$	$	$	$	$	$	$
FEDERAL GRANTS & CONTRACTS - RESTRICTED			1,283,041.58	25,800.00				83,624.00	
STATE GRANTS & CONTRACTS - RESTRICTED			417,378.05	2,846.00					
PRIVATE GIFTS, GRANTS AND CONTRACTS - RESTRICTED			183,206.60		7,900.00	1,512,289.82			
STATE APPROPRIATIONS - RESTRICTED						282,477.09			
SALES & SERVICES - RESTRICTED			22,181.73						
TUITION AND FEES - RESTRICTED		39.30	45,805.91						
INVESTMENT INCOME - RESTRICTED				1,048.81	270.15			240,366.84	
INTEREST & LATE FEES ON LOANS RECEIVABLE				6,467.91					
AUXILIARY ENTERPRISES REVENUE		3,141,533.54							
EXPENDED FOR PLANT FACILITIES									2,903,236.36
RETIREMENT OF INDEBTEDNESS									217,000.00
REIMBURSEMENT FOR TEACHER CANCELLATIONS				198.00					
TOTAL REVENUES AND OTHER ADDITIONS	$13,739,777.10	$3,141,572.84	$1,951,613.87	$ 36,360.72	$ 8,170.15	$1,794,766.91	$ --0--	$ 323,990.84	$ 3,120,236.36
EXPENDITURES AND OTHER DEDUCTIONS:									
EDUCATIONAL AND GENERAL EXPENDITURES	$12,947,376.15	$	$1,907,449.91	$	$	$	$	$	$
AUXILIARY ENTERPRISES EXPENDITURES		2,433,948.06							
LOAN CANCELLATIONS AND WRITE-OFFS				431.50					
ADMINISTRATIVE AND COLLECTION COSTS			23,923.28	1,818.26					
EXPENDED FOR PLANT FACILITIES						2,000,428.25			
RETIREMENT OF INDEBTEDNESS								217,000.00	
INTEREST ON INDEBTEDNESS								406,262.25	
TRUSTEE FEES								2,196.82	
DISPOSAL OF PLANT FACILITIES									226,012.50
RECLASSIFICATION OF FUND BALANCES	281,503.37								
TOTAL EXPENDITURES & OTHER DEDUCTIONS	$13,228,879.52	$2,433,948.06	$1,931,373.19	$ 2,249.76	$ --0--	$2,000,428.25	$ --0--	$ 625,459.07	$ 226,012.50
TRANSFERS AMONG FUNDS - ADDITIONS/(DEDUCTIONS)									
MANDATORY: PRINCIPAL AND INTEREST	$ (24,000.00)	$ (555,560.13)	$	$	$	$	$	$ 579,560.13	$
INTERFUND TRANSFERS-IN/(OUT)	(237,847.80)	32,186.46				205,661.34			
OTHER ADDITIONS/(DEDUCTIONS)			2.07		(2.07)				
TOTAL TRANSFERS	$ (261,847.80)	$ (523,373.67)	$ 2.07	$ --0--	$ (2.07)	$ 205,661.34	$ --0--	$ 579,560.13	$ --0--
NET INCREASE/(DECREASE) FOR THE YEAR	$ 249,049.78	$ 184,251.11	$ 20,242.75	$ 34,110.96	$ 8,168.08	$	$	$ 278,091.90	$ 2,894,223.86
FUND BALANCE AT BEGINNING OF THE YEAR	817,133.36	1,029,210.30	72,434.51	484,267.84	93,887.73		207,250.00	1,891,296.61	29,027,676.01
FUND BALANCE AT END OF THE YEAR	$ 1,066,183.14	$1,213,461.41	$ 92,677.26	$518,378.80	$102,055.81	$ --0--	$207,250.00	$2,169,388.51	$31,921,899.87

NORTH DAKOTA STATE SCHOOL OF SCIENCE
STATEMENT OF APPROPRIATIONS
YEAR ENDED JUNE 30, 1983

SCHEDULE S-1

Object	Appropriations	Transfers	5% Budget Reduction & Salary Adj.	1981-82 Disbursments	1982-83 Disbursements	6-30-83 Balance
General Operations Appropriations						
Salaries & Wages	$17,253,617.00		$(575,100.00)	$ 8,155,646.32	$ 8,466,564.41	$56,306.27
Operating Expenses	4,934,797.00		(154,000.00)	2,202,507.27	2,575,798.70	2,491.03
Equipment	1,017,820.00			600,089.53	417,730.47	-0-
Total General Fund Appropriations	$23,206,234.00		$(729,100.00)	$10,958,243.12	$11,460,093.58	$58,797.30
Land, Structures & Improv. Approp.						
Special Assessments		$31,359.00			$ 30,604.07	$ 754.93
Plant Improvements	$ 1,456,510.00			$ 1,204,636.98	$ 251,873.02	-0-
Total Appropriations	$24,662,744.00	$31,359.00	$(729,100.00)	$12,162,880.10	$11,742,570.67	$59,552.23

BIENNIAL REPORT

NORTH DAKOTA STATE UNIVERSITY-
BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
and
THE NORTH DAKOTA FOREST SERVICE

For The Period

July 1, 1981 through June 30, 1983

BIENNIAL REPORT
NORTH DAKOTA STATE UNIVERSITY-BOTTINEAU & INSTITUTE OF FORESTRY

July 1, 1981 through June 30, 1983

A. Introduction

Section 216, part four of Article XIX of the State Constitution created a School of Forestry with its location at Bottineau being determined by a referendum in 1894. In 1897 a bill was introduced to purchase a site for the school and a Board of Directors was appointed.

In 1915 the School of Forestry was placed under the administration of the State Board of Regents and was authorized to offer normal-school courses in addition to the courses in practical forestry, horticulture and business. The following year, one year of college-level courses was included in the curricula of the school and in 1918 a teacher training course was instituted.

On March 8, 1969, Governor William L. Guy approved Senate Bill 159 which authorized the Board of Higher Education to administratively affiliate the School of Forestry and North Dakota State University and to rename the campus North Dakota State University-Bottineau Branch and Institute of Forestry.

On August 21, 1969, the Board of Higher Education approved a general policy statement providing for the coordination of operations between the college and North Dakota State University at Fargo. This statement included guidelines involving organization, curriculum and programs, staffing, and purchasing as they apply to a fiscally and operationally independent campus.

In September of 1979 the President of North Dakota State University appointed a committee whose recommendations further developed the affiliation between NDSU-Bottineau and North Dakota State University.

B. Function

The primary function of the institution is to provide educational training in agriculture, forestry, horticulture and related natural resource disciplines. A secondary function of the campus is to meet area needs by providing transfer and vocational programs.

The major goal and mission of NDSU-Bottineau is to provide training for students that is relevent to regional needs at the transfer and vocational levels with particular emphasis on a specialized natural resource curriculum.

Activities during the biennium centered around a restructuring of the college's administrative services, strengthening its natural resource and computer science programs, and improvement of the campus buildings and grounds. These activities included improvement in all facets of the institution (administration, student services, academic and vocational programs, community services, etc.).

No major programs were added during the biennium. Several new programs scheduled for consideration have been delayed due to funding restrictions. Funding did allow, however, for a significant strengthening of existing programs, particularly in the natural resource areas.

Programs offered at NDSU-Bottineau during the biennium are summarized in the following table:

Horticulture, Landscaping, & Nursery Practice
Greenhouse and Flowershop Management
Greenhouse and Flowershop Technology
Wildlife Management
Wildlife Technology
Secretarial Science
Business
Computer Science
Agriculture (transfer and production) and Home Economics
Retail Farm Management
Parks and Recreation Administration and Technology
Forestry
Urban Forestry Technology
Soil and Water Technology

The college also offers approximately 25 programs of a traditional nature.

C. Evaluation

1. Accomplishments

a. The extensive examination of programs, staffing, administrative structure, and non-academic services to students which was conducted during the 1980-81 academic year led to a number of related activities during the 1981-83 biennium. These activities included internal reallocation of staff and financial resources, a restructuring of the college's administration, better procedures to identify and respond to students non-academic needs, and major activities to maintain and improve the physical facilities of the campus.

b. As a result of the efforts overviewed above, NDSU-Bottineau made major advances during the 1981-83 biennium. These advances are particularly noteworthy in the following areas:

1. Curriculum--both staff and financial resources were reallocated to strengthen existing programs in the natural resource area. A full-time forestry instructor was employed and increased equipment and operating funds made available for vocationally-oriented natural resource programs. Increased emphasis was placed on curricular reform, evaluation of teaching methods, and continuing education offerings. In addition, a full-time computer science instructor was added to the faculty in order to strengthen the existing computer science transfer program as well as provide students in all majors with a background in and an understanding of computers.

2. Facilities--in 1982 the college maintenance staff moved its operation into a shop building vacated by the North Dakota Forest Service. The vocational/agriculture program was strengthened by a complete remodeling of that instructional center which included doubling the space available. Other remodeling projects on the campus included renovation of Thatcher Hall (administrative offices, gymnasium and athletic facilities, library, and computer and business instructional classrooms). Significant improvements were also made in

dormitories, the student center, and wildlife and engineering laboratories. Efforts were begun to make the campus more energy efficient, accessible, and attractive through other projects.

3. Educational Services--admission counseling procedures were streamlined in order to become more effective methods of matching student interests to the availability of programs. The college also intensified its educational services beyond the Bottineau area by developing an active outreach program through which faculty and staff were made available to schools, civic organizations, and educational agencies across the state. Requests for the outreach service were extremely high. One individual, for example, gave over 150 presentations during the 1981-83 biennium dealing with NDSU-Bottineau's arctic field trips. An intensive staff and faculty evaluation process was instituted during the biennium.

4. United States Forest Service Shelterbelt Laboratory--the college's inadequate greenhouse and instructional facilities for horticulture and forestry programs had been a continuing concern. The donation of the former United States Forest Service Shelterbelt Research Laboratory to the college by the United States Government was a major accomplishment and made available for the 1983-84 academic year greatly needed greenhouse, instructional, and office space.

5. Computerization--payrolls, equipment inventories, financial aids, student records, and registration were shifted from manaul procedures to computers.

6. Student Opportunity Program--better utilization of this valuable resource was accomplished by testing of entering students, improved faculty advising, and better coordination of services.

D. Trends

1. Following several years of declining enrollment, significant growth in student numbers occurred in the 1981-83 biennium. Full-time enrollment for the 82-83 academic year rose by 15% (including a 40% increase in the size of the freshmen class). Enrollment rose again by an additional 10% for the fall of 1983-84. The enrollment growth in excess of 25% for two years suggests a clear reversal of the declining enrollments experienced in previous bienniums.

2. The growing awareness across the state of the unique role NDSU-Bottineau plays in North Dakota's higher education system is also a significant trend.

3. Three major trends reported in the 1979-81 biennial report continue. Strengthening of programs--particularly in the natural resource areas, reallocation of resources to add new programs, and improvements in physical facilities have been demonstrated for the last two bienniums.

E. Problems and Future Directions

Marginally adequate budgets for the 1983-85 biennium are a matter of major concern. Capital improvement funds for the current (83-85) biennium were reduced by 50% and equipment funds by even more. The need for adequate compensation for faculty and staff will undoubtedly become an increasingly serious concern before the current biennium ends. The ability of the college to reallocate resources to meet the needs of developing programs and to deal with increasing enrollment is constrained due to limited funding.

Concerns also exist regarding the cumulative effect of several deferred maintenance projects (particularly in the need to renovate Old Main). Short- and mid- term capital improvements needs are as follows:

1. Renovation of Old Main
2. A centralized supply/vehicle/equipment storage facility
3. Additional library space
4. Increased coal storage capacity
5. General miscellaneous repairs (sidewalks, pavement, building exteriors, heating systems, etc.)
6. Combining contract boarding operations with the student center food service
7. Remodeling Milligan Hall Dormitory (the dormitory presently houses 6 students in each room)

The need for additional staff has intensified greatly due to enrollment increases and the increased emphasis on the college's historic mission in the natural resource areas. Staff are currently needed in student services (counseling, housing, and activities planning), in institutional administration (academic/administrative computer support, instructional director/coordinator), and in the instructional areas (natural resources, science, and humanities).

Also greatly needed are additional adult education programs to meet area needs and a modernized telephone system.

F. Short- and Long- Range Planning

The extensive analyses occurring during the period of 1980 through 1982 have become a model from which continued systematic planning processes are underway. Extensive reexaminations of programs, staff needs, and resources are occurring during the 1983-84 academic year. The results of these examinations--and others which will be undertaken periodically--will be incorporated into existing mid- and long- range planning considerations.

Exhibit I

ENROLLMENT REPORT BY CLASSES (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
Freshmen	142	198
Sophomores	129	117
Juniors		
Seniors		
Graduates		
Special or Unclassified	146	127
TOTALS	417	442

ENROLLMENT REPORT BY CURRICULA (Headcount)

	Fall Enrollment 1981-82	Fall Enrollment 1982-83
By College or Major Subject Area	Vo-tech - 133 Transfer- 138	Vo-tech - 123 Transfer- 192
Special and Unclassified	146	127
TOTALS	417	442
Extension		

BIENNIAL REPORT
THE NORTH DAKOTA FOREST SERVICE
July 1, 1981 through June 30, 1983

A. Function

1. The Office of the State Forester, commonly referred to as the North Dakota Forest Service, originated in 1913 when legislative action provided that the President of the School of Forestry should also be the State Forester of North Dakota.

   The Clark-McNary Law of 1924 provided for federal assistance to states in forestry and nursery work and was a vital force in the initiation of an active program in forestry for the state.

   Responsibilities and functions include supervision of raising and distribution of seeds and forest tree planting stock; promotion of practical forestry, with dissemination of appropriate information; acquiring land for state forest and authority and jurisdiction in matters relating to the prevention, detection and suppression of forest fires.

2. No new programs were added during the biennium. There were some program rearrangements resulting from a comprehensive program review conducted in 1980 and based on a workload analysis conducted in 1981 and a new organizational plan completed in 1982. Program rearrangements will be addressed throughout this report.

3. There were program rearrangements as indicated in 2.

4. Programs and activities

   a. Goal

      It is the goal of the North Dakota Forest Service to provide leadership in meeting forestry needs of the state in education, public information, technical services and applied research through well-planned programs and cooperative efforts with appropriate agencies.

   b. Programs

      (1) Tree Seedling Production and Distribution

         This includes raising of tree planting stock at the State Nursery for landowners of the state, distribution of seeds and seedlings, publication of reports relating to annual production and conducting a program of tree and shrub improvement work to determine and provide species that are most adapted to the growing conditions of North Dakota.

(2) Tree Improvement

Provides coordination assistance to appropriate agencies relative to testing and evaluation of sufficient numbers of quality tree species and trees to meet the needs in North Dakota for conservation, afforestation, shelterbelts, natural forest, wildlife, amenity and timber and wood product plantings with planting stock that has potential for high survival, rapid growth rate and increased resistance to losses caused by insects and diseases.

(3) Wildland Fire Protection

Improves statewide fire management, protection and prevention capabilities of rural and community fire districts through technical assistance and equipment.

(4) Urban and Community Forestry

Provides forestry technical assistance in all phases of urban forestry to cities and other local government entities throughout the state.

(5) Management of North Dakota Forest Service Lands

Provides management of state forest lands using multiple use concepts that integrate wood fiber, range, wildlife habitat and recreation uses so that the forests and watersheds are improved and protected.

(6) Cooperative Forest and Shelterbelt Management Services and Assistance

Provides practical forestry technical assistance and field services to landowners, citizens and wood processors through tax incentives, cost-share conservation practices and general forestry services to maintain and improve forest land and shelterbelt productivity through management.

B. Evaluation

1. Biennial Accomplishments and Activities

Landowners and the general public throughout North Dakota were provided a service through the N.D. Forest Service programs in tree production and improvement, wildland fire protection, urban and community forestry, state forest land management and cooperative forest management.

a. Programs

(1) Tree Seedling Production and Distribution

Tables 1 and 2 show the disposition of nursery materials from the N.D. Forest Service Nursery at Towner, North Dakota for each year of the biennium.

Table 1. 1982 Tree Distribution

Customer	No. of Orders	Tree Sales	% of Total
Soil Conservation Districts	61	567,950	50
N.D. Forest Service	3	92,100	8
Private Orders	223	471,076	41
School Orders	102	13,300	1
Totals	389	1,144,426	100

1982 Production Breakdown

Bare-root conifers	956,533
Bare-root hardwoods	167,660
Containerized conifers	19,268
Containerized hardwoods	965
Total	1,144,426

Table 2. 1983 Tree Distribution

Customer	No. of Orders	Tree Sales	% of Total
Soil Conservation Districts	61	506,435	46
N.D. Forest Service	3	104,850	9.5
Private Orders	221	468,084	43
School Orders	81	17,000	1.5
Totals	366	1,096,369	100

1983 Production Breakdown

Bare-root conifers	962,054
Bare-root hardwoods	116,700
Containerized conifers	12,960
Containerized hardwoods	4,655
Total	1,096,369

(2) Tree Improvement

A significant effort was made toward coordination of tree improvement activities among agencies doing various phases of this work in North Dakota. Also, an effort was made to provide an awareness among conservation agencies of the need for enlarging the selection of trees and shrubs available. Species produced in the nursery and placed throughout the state for observation included ironwood, honeylocust, catalpa, buckeye, hackberry, black locust, oak and Kentucky coffeetree.

Contacts were made with state and federal agencies as well as local government entities for possible testing and observation sites for the developing program.

The North Dakota Forest Service worked closely with the U.S. Forest Service to develop an agreement, work plan and funding to renovate the Denbigh Experimental Forest, a potential source of genetically superior seed for use in seedling production.

(3) Wildland Fire Protection

The North Dakota Forest Service administered the allocation of $193,900.00 in federal funds during the biennium to aid rural fire districts. The funds are provided through Title IV of the Rural Development Act of 1972 and enable the fire districts to purchase new and/or used equipment with 50% matching funds.

The North Dakota Forest Service also administered the Federal Excess Property Program. In this program government vehicles are obtained on permanent loan through the General Services Administration from federal agencies and military installations. These vehicles are then loaned out to rural fire districts for conversion into fire trucks. In the past two years forty one (41) vehicles were obtained and converted into fire trucks. Additional miscellaneous equipment issued to fire departments includes: oxygen masks, fire hose, small engines, power generators, fire extinguishers, tires and other items.

The number of rural fire districts presently having agreements with the North Dakota Forest Service increased to two hundred and twenty five (225).

The North Dakota Forest Service assisted in assessing fire danger and worked with a Fire Task Force in advising the Governor on possible measures when issuing Fire Disaster Emergency Proclamations. A number of fire weather stations were operated during the biennium but decreased in number due to decreasing federal funds.

(4) Urban and Community Forestry

An urban forestry staff person was employed throughout the biennium primarily through federal grant funding to work with towns and cities needing assistance in management of their community woodland resource. During a portion of the biennium additional funds received were used to provide accelerated urban forestry technical assistance in several of the Resource Conservation and Development planning regions of the state.

During the biennium technical assistance in the form of workshops, ordinance development, management plans or inventories was provided to more than 45 towns and cities. Newsletters were developed and distributed statewide and program specialists appeared on radio and television in an attempt to create an awareness of the value of the urban woodlands.

(5) Management of North Dakota Forest Service Lands

The tracts designated as State Forests are as follows:

Turtle Mountain State Forest	7,344.47 acres	Bottineau Co.
Homen State Forest	4,484.65 acres	Bottineau Co.
Tetrault Woods State Forest	431.86 acres	Pembina Co.
Mouse River State Forest	359.16 acres	McHenry Co.
Sheyenne State Forest	508.60 acres	Ransom Co.
Hahn's Bay	150.00 acres	Bottineau Co.
Total	13,278.74 acres	

There are eighteen (18) grazing, haying and cropping leases administered on the state forests totalling 3,333.3 acres.

During the biennium a formal assessment of the State Forest lands was initiated by North Dakota Forest Service staff with input from other natural resource agencies. The assessment will be used to identify needs and direction to provide the most efficient utilization of the forest land consistent with conservation.

(6) Cooperative Forest and Shelterbelt Management Services

The number of forest land management plans written for woodland owners during the biennium was 307 and covered 13,936 acres. Also, technical assistance was given in wildlife habitat improvement and dispersed recreation. North Dakota Forest Service personnel planted 196,950 trees in forestry-type plantings. During the biennium, reassignment of duties resulted in one professional forester having lead responsibility in forest incentives. Since the growing of wood products is a long-term venture, the economic feasibility is often overlooked, especially for marginal farmland. Development of incentives and marketing will play an important role in future woodland planting and management in the state.

The woodland tax incentive program had an increase in acreage to 23,898.17 acres during the biennium with 338 active applications. There were 383.39 acres declassified from the program due to woodland clearing for agriculture, grazing by livestock and/or residential developments.

One forester was assigned to provide technical assistance in shelterbelt design and utilization including live snow fence development. This effort is in cooperation with the Soil Conservation Service and the Association of Soil Conservation Districts.

Another area that received attention during the biennium was forest pest management. Grant funds were received to analyze insect and disease problems on woodlands in the state. This was done in the field on a statewide basis and a forest pest management plan is nearing completion.

2. Identification of Trends in Direction

The following continue to be identifiable trends relating to North Dakota Forest Service activities:

a. A growing awareness of the need to broaden the selection of tree species and cultivars in the state plus a growing realization of the value and potential economic impact of the forest resource in the state. The recent inventory of forest lands in the state by the U.S. Forest Service identified 343,000 acres of forest having commercial potential, 384,000 acres of shelterbelts and 120,000 acres of urban woodlands in addition to approximately 700,000 acres with some type of tree cover.

b. An increasing need for forestry services on a statewide basis, especially technical assistance in areas such as shelterbelt management, rural fire protection, urban forestry management, marketing of forest products, management of small woodlots and outdoor recreation.

c. Increased cooperation among forestry-related agencies to obtain the highest possible efficiency of personnel and equipment while maximizing productivity of wooded lands in the state.

d. Increasing analysis of cost effectiveness of woodlands in the state.

3. Problems and Future Directions

It appears that increased demands for forestry technical assistance will continue to expand far beyond the capability of the present staff which is already overextended. A formal workload analysis, completed during the biennium revealed that the present staff size is inadequate to cover the statewide responsibilities delegated by statute.

Surveys, inventories, workload analyses and self studies have provided considerable background information relative to forestry needs in the state and the capability of the organization to service these needs.

Training in management techniques and in technical areas for North Dakota Forest Service staff have added to efficiency of operation. Reorganization and reassignments have projected services over a larger portion of the state. Maximum efficiency will be achieved by (1) close coordination of effort with other forestry-oriented agencies in the state and (2) adding sufficient personnel to permit the program areas to function.

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Balance Sheet
June 30, 1982 and 1983

ASSETS

Current Funds	1983	1982
Unrestricted		
Junior College:		
Cash on Hand	$ 2,000.00	$ 2,000.00
Cash in Bank	31,664.10	27,927.63
Accounts Receivable	38.74	169.26
Tuition and Fees Receivable	1,000.00	
Due From Other Funds		2,397.13
Appropriation Receivable	22,507.90	8,522.43
Total	$ 57,210.74	41,016.45
Forest Service:		
Cash on Hand	$ 75.00	$ 75.00
Cash in Bank	56,855.52	160,320.04
Appropriation Receivable	151.22	13,196.02
Total	57,081.74	$ 173,591.06
Auxilaries:		
Cash on Hand	$ 400.00	$ 350.00
Cash in Bank	85,231.85	83,765.94
Tuition and Fees Receivable	108.00	
Inventories	57,273.58	49,026.24
Due From Other Funds	178.46	
Deposits and/or Reserves	3,122.50	3,122.50
Accounts Receivable		2,305.86
Total	$ 146,314.39	$ 138,570.54
Total Unrestricted	$ 260,606.87	$ 353,178.05
Restricted		
Junior College:		
Cash	$(73,944.94)	$(68,991.91)
Accounts Receivable	67,990.69	71,444.79
Total	(5,954.25)	$ 2,452.88
Forest Service		
Cash	$ 193,046.25	$ 72,454.75
Total	$ 193,046.25	$ 72,454.75
Total Restricted	$ 187,092.00	$ 74,907.63

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Balance Sheet
June 30, 1982 and 1983

LIABILITIES

Current Funds	1983	1982
Unrestricted		
Junior College:		
Accounts Payable	$ 12,820.70	$ 6,549.98
Salaries Payable	14,493.05	2,000.58
Deposits	7,722.70	6,016.32
Due to Other Funds		27.12
Payroll Withholding Payable		331.79
Fund Balance	22,174.29	26,090.66
Total	57,210.74	$ 41,016.45
Forest Service:		
Accounts Payable	$ 1,849.27	$ 3,349.01
Salaries Payable	22,019.51	12,855.35
Payroll Withholding Payable		861.31
Fund Balance	33,212.96	156,525.39
Total	57,081.74	$ 173,591.06
Auxilaries:		
Accounts Payable	$ 1,759.32	$ 666.47
Salaries Payable	9.18	883.48
Sales Tax Payable	666.04	437.34
Deposits	281.00	121.00
Payroll Withholding Payable	-0-	76.98
Fund Balance	143,598.85	136,385.27
Total	$ 146,314.39	$ 138,570.54
Total Unrestricted	$ 260,606.87	$ 353,178.05
Restricted		
Junior College:		
Accounts Payable	$	$ 19.95
Salaries Payable	452.92	
Fund Balance	(6,407.17)	2,432.93
Total	(5,954.25)	$ 2,452.88
Forest Service:		
Accounts Payable	$ 3,366.79	$ 1,424.78
Salaries Payable	589.88	-0-
Fund Balance	189,089.58	71,029.97
Total	$ 193,046.25	$ 72,454.75
Total Restricted	$ 187,092.00	$ 74,907.63

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Balance Sheet
June 30, 1982 and 1983

ASSETS

	1983	1982
Loan Funds		
Cash in Bank	$ 16,497.60	$ 21,352.74
Investments	4,485.09	4,220.40
Notes Receivable	295,376.77	293,840.55
Total Loan Funds	$ 316,359.46	$ 319,413.69
Plant Funds		
Unexpended:		
Cash	$ 36,819.82	$ 36,412.00
Appropriation Receivable		3,950.68
Total	$ 36,819.82	$ 40,362.68
Debt Service:		
Cash with Trustees	$ 56,327.15	$ 42,031.11
Trustee Investments	136,582.50	148,431.87
Total	$ 192,909.65	$ 190,462.98
Investment in Plant:		
Land	$ 1,040,719.82	$ 1,040,719.82
Buildings	5,203,678.95	4,545,273.95
Equipment	1,292,180.97	1,252,935.38
Library Books	383,513.46	359,983.93
Total	$ 7,920,093.20	$ 7,198,913.08
Total Plant Funds	$ 8,149,822.67	$ 7,429,738.74
Agency Funds		
Cash in Bank	$ 59,750.30	$ 10,567.72
Accounts Receivable	(1.40)	-0-
Due from Other Funds	-0-	1,380.98
Total Agency Funds	$ 59,748.90	$ 11,948.70
Total All Funds	$ 8,973,629.90	$ 8,189,186.81

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Balance Sheet
June 30, 1982 and 1983

LIABILITIES

	1983	1982
Loan Funds		
Due to Other Funds	$ -0-	$ 2,397.13
Federal Equity - NDSL	290,628.80	291,550.59
State Equity - NDSL	20,890.05	20,890.05
Local Loan Funds	4,840.61	4,575.92
Total Loan Funds	$ 316,359.46	$ 319,413.69
Plant Funds		
Unexpended:		
Accounts Payable	$	$ 2,927.00
Salaries Payable		959.40
Payroll Withholding Payable		64.28
Fund Balance	36,819.82	36,412.00
Total	$ 36,819.82	$ 40,362.68
Debt Service:		
Accounts Payable	$ 10,102.50	$ 10,251.25
Fund Balance	182,807.15	180,211.73
Total	$ 192,909.65	$ 190,462.98
Investment in Plant:		
Bonds Payable	$ 615,000.00	$ 640,000.00
Net Investment in Plant	7,305,093.20	6,558,913.08
Total	$ 7,920,093.20	$ 7,198,913.08
Total Plant Funds	$ 8,149,822.67	$ 7,429,738.74
Agency Funds		
Accounts Payable	$ -0-	$ 25,205.35
Sales Tax Payable	319.28	749.12
Deposits	256.57	397.50
Payroll Withholding Payable	-0-	1,125.84
Agency Fund Equity	$ 59,173.05	(15,529.11)
Total Agency Funds	$ 59,748.90	$ 11,948.70
Total All Funds	$ 8,973,629.90	$ 8,189,186.81

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Comparative Statement of Current Revenues, Expenditures & Other Changes
For Year Ended June 30, 1983

	Current Year			Prior Year
	Unrestricted	Restricted	Total	Total
Revenues:				
Junior College				
Tuition & Fees	276,206.22		276,206.22	229,900.68
State Appropriation	1,425,413.02		1,425,413.02	1,345,045.83
Federal Grants & Contracts		53,825.83	53,825.83	58,618.51
State Grants & Contracts		76,925.34	76,925.34	91,686.85
Private Gifts Grants & Contracts	4,394.05	25,207.00	29,601.05	11,425.94
Sales & Services	9,184.88		9,184.88	11,191.33
Auxilary	491,699.55		491,699.55	388,287.75
Other	24,241.47		24,241.47	21,109.13
Total Junior College	2,231,129.19	155,958.17	2,387,097.36	2,157,266.02
Forest Service				
State Appropriation	381,556.62		381,556.62	566,432.51
Federal Appropriation	50,686.45		50,686.45	109,772.24
Federal Grants & Contracts		224,782.35	224,782.35	103,929.59
Sales & Service	139,490.68		139,490.68	111,364.91
Total Forest Service	571,733.75	224,782.35	796,516.10	891,499.25
Total Current Revenues	2,802,872.94	380,740.52	3,183,613.46	3,048,765.27
Expenditures & Mandatory Transfers:				
Junior College				
Instruction	784,474.01	61,378.71	845,852.72	760,350.64
Public Service		35,293.09	35,293.09	36,464.30
Academic Support	59,170.11	1,692.17	60,862.28	52,457.67
Student Services	198,942.71		198,942.71	210,886.19
Institutional Support	265,116.05	31,509.54	296,625.59	255,217.77
Physical Plant	426,741.69		426,741.69	421,736.72
Scholarships & Fellowships		48,682.97	48,682.97	43,774.26
Total Junior College	1,734,444.57	178,556.48	1,913,001.05	1,780,887.55
Forest Service	695,046.18	105,791.59	800,837.77	793,692.41
Auxilaries	429,924.68		429,924.68	388,275.16
Total Expenditures & Mandatory Transfers	2,859,415.43	284,348.07	3,143,763.50	2,962,855.12
Other Transfers and Additions/(Deductions):				
Interfund Transfers In/(Out)	(63,504.56)	12,827.06	(50,677.50)	(31,530.45)
Write Off Outstanding Checks				672.00
Total Transfers & Additions/(Deductions)	(63,504.56)	12,827.06	(50,677.50)	30,858.45
Net Increase (Decrease) in Fund Balance	(120,047.05)	109,219.51	(10,827.54)	55,051.70

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Statement of Change in Fund Balances
For year ending June 30, 1983

	UNRESTRICTED FUNDS			RESTRICTED FUNDS						
Revenue & Other Additions	Junior College	Forest Service	Total	Junior College	Forest Service	Total	Loan Funds	Unexpended	Plant Funds Debt Service	Investment In Plant
Education & General Revenue	300,447.69		300,447.69							
Auxiliary Enterprise Revenue	491,731.38		491,731.38							
State Appropriations	1,425,413.02	381,556.62	1,806,969.64					252,539.38		
Federal Appropriations		50,686.45	50,686.45							
Federal Grants & Contracts				53,825.83	224,782.35	278,608.18			12,182.00	
State Grants & Contracts				76,925.34		76,925.34				
Private Gifts, Grants & Contracts	4,394.05		4,394.05	25,207.00		25,207.00				
Expended for Plant Facilities										784,666.30
Retirement of Indebtedness										25,000.00
Interest Income							4,403.10		20,717.47	
Sales & Service	9,184.88	139,490.68	148,675.56							
Other Income							163.97			
Total Revenue & Other Additions	2,231,171.02	571,733.75	2,802,904.77	155,958.17	224,782.35	380,740.52	4,567.07	252,539.38	32,899.47	809,666.30
Expenditure & Other Deductions										
Education & General	1,734,444.57	695,046.18	2,429,490.75	178,556.48	105,791.59	284,348,07				
Auxiliary Enterprises	429,924.68		429,924.68							
Retirement of Indebtedness									25,000.00	
Interest Expense									36,452.00	
Trustees Fees									352.05	
Plant & Equipment Deletions								279,711.41		63,486.18
Admin. & Collection Costs							1,055.91			
Loan Cancellations & Write Offs							3,546.26			
Expended for Plant Facilities										
Total Expenditures & Other Ded.	2,164,369.25	695,046.18	2,859,415.43	178,556.48	105,791.59	284,348.07	4,602.17	279,711.41	61,804.05	63,486.18
Transfers Among Funds Adds/(Ded.)										
Interfund Transfer In-Nonmand.	2,265.00		2,265.00	14,452.41	38 934.80	53,387.21	138.00	30,000.00	35,000.00	
Interfund Transfer Out-Nonmand.	(65,769.26)		(65,769.26)	(694.20)	(39,865.95)	(40,560.15)	(760.00)	(2,420.15)	(3,500.00)	
Total Transfers	(63,504.26)		(63,504.26)	13,758.21	(931.15)	12,827.06	(622.00)	27,579.85	31,500.00	
Net Increase/(Decrease)	3,297.51	(123,312.43)	(120,014.92)	(8,840.10)	118,059.61	109,219.51	(657.10)	407.82	2,595.42	746,180.12
Beginning Fund Balance	162,475.93	156,525.39	319,001.32	2,432.93	71,029.97	73,462.90	317,016.56	36,412.00	180,211.73	6,558,913.08
Ending Fund Balance	165,773.44	33,212.96	198,986.40	(6,407.17)	189,089.58	182,682.41	316,359.46	36,819.82	182,607.15	7,305,093.20

NORTH DAKOTA STATE UNIVERSITY - BOTTINEAU BRANCH & INSTITUTE OF FORESTRY
Bottineau, North Dakota
Statement of Appropriations
For Year Ended June 30, 1983

JUNIOR COLLEGE	Original 1981-83	Adjusted 1981-83	Transfers	1982 Disbursements	1983 Disbursements	6-30-83 Balance
Salaries & Wages	2,571,034	2,501,079	(69,955.00)	1,174,334.78	1,282,381.99	44,362.23
Operating	728,164	651,708	(76,456.00)	312,375.10	339,331.95	.95
Equipment	123,012	123,012		66,401.35	56,556.25	54.40
Plant Improvements	370,994	370,994		159,035.84	188,557.69	23,400.47
Plant Improvements - Carryover	22,362	22,362		21,373.00	989.00	-0-
Handicap	5,553	5,553		2,916.03	2,636.97	-0-
Total Junior College	3,821,119	3,674,708	(146,411.00)	1,736,436.10	1,870,453.85	67,818.05
FOREST SERVICE						
Salaries & Wages	1,030,252	1,011,830	(18,422.00)	471,902.08	512,943.35	26,984.57
Operating Expense	335,913	335,913		135,762.77	147,749.67	52,400.56
Equipment	91,516	62,516	(29,000.00)	34,587.41	26,702.58	1,226.01
Plant Improvement	133,100	133,100		72,744.28	60,355.72	-0-
Grants	400,000	400,000		-0-	-0-	400,000.00
Total Forest Service	1,990,781	1,943,359	(47,422.00)	714,996.54	747,751.32	480,611.14

Twenty-third Biennial Report
North Dakota Geological Survey
1981-1983

FUNCTION

Constitutional Responsibilities

The constitutional responsibilities and functions of the North Dakota Geological Survey are outlined in Chapter 66 of the Session Laws of 1895, which directed the Board of Higher Education to provide for a thorough geological and natural history survey of the State and to utilize the facilities of the University for such purposes. The Professor of Geology at the University was to be ex officio State Geologist with the authority to appoint and remove a deputy with a salary to be determined by the State Geologist within the limits of the legislative appropriation.

The Geological Survey was expected to carry out a complete account of the mineral resources of the State, including a study of the geological strata, their richness in ores, coals, clays, peats, salines, mineral waters, marls, cements, building stones, and other useful materials, and the value of the substances for economic purposes and their accessibility. The Survey was to make an accurate chemical analysis of the various rocks, soils, ores, clays, peats, marls, and other mineral substances and it was to keep an exact record of these analyses.

From time to time the Geological Survey was expected to make geological maps of the State upon which the various geological formations were to be appropriately represented.

The Geological Survey was responsible for causing proper specimens, skillfully prepared, secured, and labeled, of all rocks, soils, ores, coals, fossils, cements, building stones, plants, woods, skins, and skeletons of animals, birds, insects, and fishes, and other mineral, vegetable, and animal substances, and organisms discovered or examined in the coarse of the geological surveys to be preserved for inspection, free of cost, in the University in charge of a curator. When practicable, duplicate specimens in reasonable numbers and quantities were to be collected and preserved for the purpose of exchange with other state universities and scientific institutions, of which the Smithsonian Institute at Washington, D. C., shall have preference.*

It is difficult to know what the legislators had in mind when they created the Survey; however, we assume that they intended that the State Geological Survey should study the resources of the State and make known to the public their location, magnitude, potential value, and possible use. Although petroleum and natural gas were not included in the original list of substances to be studied, they would have been included in the term "other mineral resources."

It is probable that the legislature intended that the Survey should be a state research agency, which would make information on the State's natural resources available to the public for whatever purposes the public might wish to make of it.

Since the formation of the Survey, a number of additional duties have been assigned by the legislature without changing the original purpose of the act. Most of these duties have been of a regulatory nature such as the regulation of artesian waters in the State, first assigned to the State Geological Survey in 1921, and added to in 1925; and the conservation of oil and gas in 1911, 1929, 1941, and added to in 1953 and subsequent years. Chapter 260, of the 1965 session laws, added the provision for statutory unitization which had been omitted in the earlier enactments.

The assignments of duties to the work of the Survey have materially aided its scientific work. The regulation of the oil and gas industry's operations in the State, for example, provided a great deal of geological information which otherwise is not readily available. This information added greatly to the basic scientific data available, and it led to the discovery of large amounts of additional resources.

In 1967, the legislature enacted a law relating to the regulation of subsurface minerals. The State Geologist was designated as a supervisor charged with the duty of enforcing the regulations and orders of the Industrial Commission. This work has been carried out since 1967 without adding personnel for that purpose.

The 1975 legislature directed that all information obtained in the process of exploring for coal deposits must be filed with the State Geologist. The 1975 legislature further gave the Industrial Commission authority to make rules and regulations to carry out the intent of the act. The State Geologist issues permits for exploratory drilling and oversees the plugging of test holes.

The 1979 legislature provided for the regulation of the subsurface storage of petroleum and other materials and the underground disposal of industrial and municipal wastes, including nuclear waste. This authority was placed with the Industrial Commission acting through the Office of the State Geologist.

The 1981 legislature provided for the regulation of geothermal energy development by the Industrial Commission acting through the Office of the State Geologist. The 1981 legislature also removed the responsibility of enforcing the rules of the Industrial Commission relating to oil and gas. This responsibility was placed directly within the Industrial Commission. The State Geologist is still required to provide technical services and assistance to the Industrial Commission in oil and gas matters.

Activities Added and Deleted

No new activities were added during the 1981-1983 Biennium and none were deleted.

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*This provision of the enabling act has not been carried out in strict accordance with its wording because the legislature failed to provide sufficient funds for a curator and the facilities that would be needed. In essence, however, this provision is being fulfilled by the faculty of the University Department of Geology, of which the State Geologist is chairman. The Survey does provide storage space for well cores and samples, and these are examined regularly by the public.

Major Goals of the North Dakota Geological Survey

The major goals and responsibilities of the Geological Survey are clearly spelled out in Chapter 66 of the Session laws of 1895, the enabling legislation of the Survey. Over the years, additional responsibilities have been placed on the Survey by the legislature, such as oil and gas conservation, coal exploration data accumulation, and subsurface minerals regulation. Emphasis has shifted from one area of responsibility to another as interest and impact on the State's geological resources have shifted. This has required the Survey to be a dynamic organization with a staff of geologists and engineers capable of competently performing a broad spectrum of geologic and engineering tasks. The major goals or responsibilities of the Geological Survey during the past biennium and the programs designed to meet them are listed below.

Energy resources interest and activity

Oil and gas–Samples, cores, and well logs of all exploratory and development oil wells drilled in North Dakota are maintained and cataloged by the Subsurface Section of the Survey. These materials are available to the public and they have been used by faculty and students of the University of North Dakota geology department, as well as by Survey geologists in the preparation of reports and studies. Survey geologists are continually involved in subsurface studies relating to the assessment of the petroleum potential of the various geologic formations. The Survey provides oil and gas production statistics for all North Dakota wells.

Uranium–By statute, the Geological Survey is charged with enforcing the rules and regulations of the Industrial Commission regarding the development of subsurface minerals, including uranium. The Survey issues exploration permits under the signature of the State Geologist and maintains exploration and production records. Supervision of ongoing exploration activities is performed by the staff. Cores, samples, and geophysical logs are cataloged and maintained by the Subsurface Section of the Survey at Grand Forks.

Lignite–Lignite-powered electrical generating plants are currently operational, under construction, or in the planning stages. The Geological Survey has been involved in assessing the lignite potential of North Dakota during the past biennium. Survey geologists have been actively involved in exploration drilling, geophysical logging, and the interpretation of acquired data. All exploratory work conducted by industry must, by statute, be permitted by the Geological Survey under the signature of the State Geologist. Basic exploration data consisting of logs, samples, and cores must be filed with the Geological Survey at Grand Forks.

Geology and groundwater resources

Since 1962, the North Dakota Geological Survey has been involved in cooperative projects with the State Water Commission, U.S. Geological Survey, and the various North Dakota counties in the assessment of the geology and groundwater resources of the State. Work has continued through the last biennium and has resulted in the publication of portions of 14 bulletins dealing with groundwater hydrology and basic data. The Surface Section of the Geological Survey is responsible for conducting geological field studies and preparing the geological portions of the reports. The data acquired and presented in these reports have proven valuable to state and local government, industry, and the public as a basis for formulating sound decisions on land-use, mineral development, source water, and industrial siting.

Environmental issues

Mined lands reclamation–All responsible persons in the state recognize that development of our energy and mineral resources must be accomplished with minimum degradation of our environment and way of life. The Geological Survey is involved in a series of studies to develop data to enable the legislature, involved governmental agencies, and industry to formulate sound legislation and decisions in mine planning and reclamation programs. This requires a thorough knowledge of the stratigraphy and geohydrology of the impacted area. Our reclamation studies have been conducted under the sponsorship of the Environmental Protection Agency and Bureau of Mines. We have published the results of our mined-land and reclamation studies as Reports of Investigations.

Municipal waste disposal–We continue to cooperate with the North Dakota State Health Department, the North Dakota Water Resources Research Institute, and the University of North Dakota in evaluating existing and potential sites for municipal waste disposal. Such evaluation is aimed mainly at protecting surface water and groundwater resources from pollution. Evaluations consist of onsite inspections, sampling of materials, instrumentation and monitoring of groundwater systems, and interpretation of acquired data. Our studies evaluate the effects of both solid waste and waste from unlined sewage lagoons.

Deep well disposal–The Geological Survey has, on numerous occasions, assisted the Industrial Commission in making decisions on deep well disposal of oil field wastes. The State Geologist has regulatory responsibilities regarding underground injection and storage and is a member of the Water Pollution Control Board and the Air Quality Advisory Council.

Educational activities

The Geological Survey continues to prepare and publish educational materials. One new publication on geologic time was completed during the last biennium, bringing the total to 14 for our Educational Series. The Survey also continued publication of its semiannual Newsletter describing recent geology-related activities in the State, new publications available, and other information of general interest to the public.

We hope that, by providing nontechnical information on the geology of North Dakota, during this period of increased awareness about our environment and energy problems, we may help give North Dakotans–legislators, farmers, businessmen, teachers, students, and others–the basis they need for making sound decisions on how to best use our natural resources. We hope that, by helping people understand the changes in rocks, soils, and landforms that can be seen across North Dakota, they may better appreciate our State.

Contracts and cooperation with State and Federal agencies

The Geological Survey was frequently called upon during the last biennium to assist State and Federal agencies in their decision-making process. This assistance took the form of reviewing and commenting on various proposals and environmental impact statements; active participation on various committees, councils, and study groups. We cooperated in various ways with numerous Federal agencies such as the U.S. Geological Survey, Environmental Protection Agency, Energy Research and Development Administration, Corps of Engineers, Bureau of Reclamation, Bureau of Land Management, and U.S. Forest Service and with state agencies such as the Health Department, Public Service Commission, Highway Department, Department of Public Instruction, Outdoor Recreation Agency, State Travel Department, and State Planning Department in matters related to energy and mineral development, reclamation, flood control, land-use planning, waste disposal, educational programs, plant siting, groundwater resources, and other areas concerning the geology of the State.

EVALUATIONS

Summary of Publications Issued

- Bulletin 67, Part I, Geology of Grant and Sioux Counties
- Bulletin 69, Part III, Ground-Water Resources of Ransom and Sargent Counties
- Bulletin 72, Part I, Geology of Morton County
- Bulletin 73, Part III, Ground-Water Resources of McIntosh County
- Bulletin 74, Part I, Geology of McHenry County
- Bulletin 74, Part II, Ground-Water Data for McHenry County
- Bulletin 74, Part III, Ground-Water Resources of McHenry County
- Bulletin 75, Part I, Geology of Sheridan County
- Bulletin 75, Part III, Ground-Water Resources of Sheridan County
- Bulletin 76, Part I, Geology of Billings, Golden Valley, and Slope Counties
- Bulletin 76, Part III, Ground-Water Resources of Billings, Golden Valley, and Slope Counties
- Bulletin 77, Part II, Ground-Water Data for Logan County
- Bulletin 78, Part II, Ground-Water Data for Bottineau and Rolette Counties
- Bulletin 79, Part II, Ground-Water Data for Towner County
- Educational Series 14, Geologic Time in North Dakota
- General Rules and Regulations for the Exploration, Development, and Production of Subsurface Minerals
- Geothermal Resources Map of North Dakota (Published by the National Geophysical and Solar-Terrestrial Data Center in cooperation with the North Dakota Geological Survey)
- Miscellaneous Map 21, Bedrock Geologic Map of North Dakota (1:1,000,000)
- Miscellaneous Map 22, Generalized Bedrock Map of North Dakota
- Miscellaneous Map 23, Structure Map on Top of the Cretaceous Pierre Formation in North Dakota
- Miscellaneous Map 24, Bedrock geology of the Lake Agassiz Region
- Miscellaneous Series 47, Newburg-South Westhope Oil Fields, North Dakota (Revised)
- Miscellaneous Series 60, Annotated Bibliography of the Geology of North Dakota, 1960-1979
- Miscellaneous Series 61, Williston Basin Stratigraphic Nomenclature Chart
- Miscellaneous Series 62, Oil Exploration and Development in the North Dakota Williston Basin: 1981 Update
- Miscellaneous Series 63, Geological Development, Origin, and Energy Mineral Resources of the Williston Basin, North Dakota
- Miscellaneous Series 64, Production Performance Curves of Selected North Dakota Oil Fields
- NDGS Newsletter: Four issues (December 1981; June 1982; December 1982; June 1983)
- Report of Investigation 71, Lexicon of Stratigraphic Names of North Dakota
- Report of Investigation 72, The Wannagan Creek Quarry and its Reptilian Fauna in Billings County, North Dakota
- Report of Investigation 73, Geology and Geotechnical Conditions of the Minot Area, North Dakota
- Report of Investigation 74, Computer Management of Geologic and Petroleum Data at the North Dakota Geological Survey
- Report of Investigation 75, Mechanisms, Distribution and Frequency of Ground-Water Recharge in an Upland Area of Western North Dakota
- Report of Investigation 76, Depositional Environments and Sandstone Diagenesis in the Tyler Formation (Pennsylvanian), Southwestern North Dakota
- Report of Investigation 77, Earth Resistivity Investigations in Reclaimed Surface Lignite Mine Spoils

County groundwater studies

The Survey's responsibility in the county groundwater studies consists mainly in appraising the geology and mineral resources of the counties and in writing the geologic portion of the reports; the State Water Commission and United States Geological Survey are responsible for those portions of the reports dealing with hydrology and groundwater basic data.

The county groundwater studies are continuing at a slower rate than in past years because Survey geologists involved in the studies now have increased responsibilities. During the past biennium, the geologic portions of five of the reports involving eight counties were published by the Survey. These were Billings, Golden Valley, Grant, McHenry, Morton, Sheridan, Sioux, and Slope Counties. A report is in relatively advanced stages of preparation for Towner County. Fieldwork for these studies is essentially complete in nearly all of the counties with projected reports, and reports are in varying stages of preparation for Bottineau, Dunn, Emmons, McKenzie, and Ramsey Counties.

Energy and mineral resources

The dramatic increase in interest and activity in the state's energy and mineral resources that developed during the late 1970's is expected to continue, although at a tempered rate, for several decades. Improved and increased exploration efforts continue to result in numerous new oil pool discoveries. Chapter 38-12.1 of the North Dakota Century Code, passed by the 1975 legislature, requires the permitting of lignite exploration programs by the Office of the State Geologist and the filing of basic data. A similar statute for subsurface minerals was passed in 1967.

While we were experiencing greatly expanded activity in the oil and gas industry, we received great amounts of sample and core from exploratory and development wells. We also received great numbers of mechanical logs. We were able to install additional compact storage in the Survey offices to accomodate our log files; these are now adequately stored for the short-term future. However, the Wilson M. Laird Core and Sample Library is now full and will soon have to be expanded to the size we originally planned for the building.

We continue to maintain and expand our microfilm file of mechanical well logs.

Landfill and lagoon studies

At the request of the State Department of Health, the Survey continues to evaluate proposed and existing sites for solid waste disposal facilities and existing sewage lagoon sites. Monitoring of instrumented sanitary landfills such as the one at Cavalier, North Dakota, continues in order to observe potential problems with refuse leachate. We have inspected all the permitted landfill sites in the state, evaluated the geologic situation of each, and provided the Department of Health with a report on each. We continue to evaluate new proposed landfill sites. We will soon publish the results of a just-completed study of six unlined municipal waste stabilization lagoons in various geologic settings in North Dakota. These lagoons are located in McVille, Larimore, Fordville, Esmond, Lidgerwood, and Underwood.

Reclamation studies

Our reclamation studies help us to greatly increase our understanding of the hydrologic conditions in areas of potential large-scale surface mining. These studies, which continue, have enabled us to achieve a much more detailed understanding of the engineering problems involved in the reclamation of surface-mined lands, thereby helping to insure proper reclamation of these lands. This information enables mining companies to formulate realistic strip-mine reclamation plans for the Public Service Commission in areas where strip mining is expected to begin.

Educational activities

Our involvement in educational activities continues with new, nontechnical publications on geologic time, the history of coal development in North Dakota, and a new brochure describing the geology along North Dakota Interstate Highway 94. We continue to make available our series of Program Aids to service clubs, school classes, and other groups. Our geologists are regularly called upon to lead field trips, speak to school and other groups, and participate in a variety of seminar situations.

The NDGS Newsletter, published in June and December, continues to increase its circulation. We will continue with this periodical.

During the past two years, Survey geologists and graduate students employed by the Survey have presented an unusually large number of technical papers at conferences, including the AAPG meetings in Calgary and Dallas, various Geological Society of America and other meetings, at the Williston Basin Symposium in Regina, Saskatchewan, at the Canadian Geological Society meetings in Winnipeg, and at several other meetings. North Dakota Geological Survey geologists also participated in a number of other energy-related events in North Dakota and elsewhere. We have found an unprecedented interest in geology on the part of lay people throughout the region. Our future plans,therefore, call for greater efforts to communicate nontechnical geologic information to the public.

Core and Sample Library

The Wilson M. Laird Core and Sample Library is located immediately south of our Leonard Hall offices on the University of North Dakota campus. It provides over 20,000 square feet of area for laboratories and core and sample storage. However, the facility, which was completed in 1980, is now filled and will soon have to be enlarged to the size it was originally planned for.

The Survey stores and indexes all samples (well cuttings) and cores received from exploratory oil wells drilled in the state and it will continue to do so in the future. Our Core and Sample Library receives heavy use by consultants, oil company representatives, and other researchers. Through the first 10½ months of 1983, a total of 580 people have used our Core and Sample Library facilities; most of these are industry geologists. The Wilson M. Laird Core and Sample Library is recognized as one of the best facilities of its kind in the United States.

Short and Long Range Plans

Studies now underway by the Survey will require varying amounts of time to complete. Most of the county groundwater studies already underway should be finished within the next few years. Coal evaluation studies are ongoing and will continue indefinitely, depending on funding and staff resources. Studies on surface mine reclamation procedures now underway will require several years to finish, and we may go into greater detail on these studies.

Our geologic and engineering studies of oil and gas producing formations and exploration for these resources, as well as exploration for other mineral resources, are all ongoing concerns of nearly all members of the Survey staff. Generally, continuing growth in North Dakota's energy industry will result in an increasing strain on the environment. This, in turn, is going to require greater attention by the Survey to environmental problems related to reclamation, engineering properties of materials, and other population growth-related problems.

It is extremely important that the Survey provide all necessary information to assist the petroleum industry in its efforts at building a new oil and gas development cycle in North Dakota. Toward this end, we have undertaken a number of stratigraphic studies within the Williston Basin. Our future core studies include detailed analyses of pore geometries and clay development within the pores. Studies we are now undertaking involving X-ray and SEM analysis of oil field cores, may be instrumental in improving recovery methods. We have also undertaken subsurface studies of several known (or potential) hydrocarbon-bearing stratigraphic units. Additional hydrocarbon-related studies include the development of a computerized stratigraphic oil well file; the plotting of oil-field decline curves (we published a volume of these this past summer); compilation of a volume of oil-field summaries; and publication of a new well schedule. We also expect to publish three volumes of oil and gas production figures (for 1980, 1981, and 1982) within the next few months.

The Survey continues to utilize the services of personnel in the University of North Dakota Geology Department. This, plus the fact that our new Wilson M. Laird Core and Sample Library is now in operation, along with our Williston Basin Core Studies Laboratory, puts us in a favorable position to continue our ongoing studies of the hydrocarbon-bearing formations of the Williston Basin. Our core library-core study laboratory, which is designed for whole sample and petrographic study of all Williston Basin rocks, is being used to the fullest extent. We receive samples/and/or core from all oil wells drilled in North Dakota. Storage in our core library is already filled but we have added additional shelving to tide us over until we can expand the building. We are pleased at the very positive feedback from companies and individuals taking advantage of the facility. The increased use of the facility is a hopeful sign in what has been an otherwise somewhat depressed oil economy in North Dakota. Our geophysical log files, located in the Survey offices are also used to their best advantage by geologists from the Survey, industry, and the University.

Studies of North Dakota's coal stratigraphy are ongoing. We are conducting an exhaustive, integrated, regional study of the Cenozoic rocks in the Williston and Powder River Basins, dealing with the potential for coal mining, uranium occurrence, and related groundwater problems.

We anticipate that increasing attention will have to be given to groundwater concerns associated with the disposal of wastes from coal gasification and liquefaction, as well as hazardous wastes and, possibly, nuclear waste disposal. We are evaluating the impacts on groundwater by disposal of thermo-electric utility wastes, by reclamation of abandoned surface mines, by oil and gas mud pits, and by sanitary landfills and municipal lagoons. We expect to publish a report shortly on the effect of oil well drilling fluids on groundwater resources.

The mineralogy and geochemistry of North Dakota potash deposits is another focus of future research, along with continuation of our studies of related stratigraphic units, leading to an evaluation of this mineral resource.

We are initiating a long-term study of 1° x 1° - sized areas in North Dakota that will take up where our county groundwater studies leave off. These studies will include geologic maps and derivative maps showing such things as potential mineral resource availability, construction problem suitability for various types of installations, and interpretations of geologic landforms, stratigraphy, and history.

The Survey recently added a structural geologist, a stratigrapher, a clay mineralogist-sedimentary petrologist, and a petroleum engineer. We hope soon to add a hydrogeologist. Some organizational changes that have been made in the Survey for the purpose of improving research coordination, communications, and administrative procedures include the structuring of the geology staff into Subsurface and Surface sections. We have established an advisory board consisting of the section chiefs, administrative officer, the deputy state geologist, and the state geologist.

Until recently, the amount of data coming into the Survey has been manageable. It has been filed and subsequently used as the basis for technical reports. The value of these technical reports has become increasingly evident in the past several years as industry geologists are using them in their search for North Dakota's mineral resources; planners have required derivative maps, studies, and reports and the only source of data for these has been our filed store of data and our existing technical reports. Our cooperation involving scientific input to agencies such as the State Health Department and the Department of Public Instruction would have been impossible without our series of county groundwater bulletins, some of which were completed as long as 17 years ago.

We continue to receive compliments on the quality, organization, and accessibility of our technical data; our log and core files; our open-file reports; and the wide variety of existing technical reports we have available. Continued efficiency will require ever-improving methods of data compilation, manipulation, and retrieval.

23rd Biennial Report–1981-83

End of Years 6-30-82 and 6-30-83

Staff Members

	October 1, 1981	October 1, 1982
Administration	2	2
Research		
Geologists	9	9
Engineers		1
Clerical, Office and Secretarial	6	6
Technician	4	4
Draftsmen	2	2
Data Processing	1	1
Assistants (Temporary and Part-time)	18	15
	42	40

Comparative Summaries of Income and Expense for 1981-83 Biennium

	Annual Budget 1981-82	Annual Budget 1982-83	Increase (Decrease)
Salaries and Wages	$ 667,159	$684,714	$17,555
Operating Expenses	157,965	163,670	5,705
Equipment	186,400	142,159	(44,241)
Totals	$1,011,524	$990,543	($20,981)

	Disbursements As of 6-30-82	Disbursements As of 6-30-83	Increase (Decrease)
Salaries and Wages	$591,447	$672,303	$ 80,856
Operating Expenses	122,941	174,753	51,812
Equipment	164,320	141,693	(22,627)
Totals	$878,708	$988,749	$110,041

Balance Remaining in Operating Fund

at End of 1981-83 Biennium

	Governor's Reduction	Additional Balance	Total Balance
Salaries and Wages	$100,860	$27,169	$128,029
Operating Expenses	23,855	8,597	32,452
Equipment	---	412	412
Total	$124,715	$36,178	$160,893

Revenue

	As of 6-30-82	As of 6-30-83
U.S. Bureau of Mines	$ 128,670	$21,840*
Lands and Minerals Trust Fund	2,028,350	
Total	$2,157,020	$21,840

*$6,000 not requested.